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The



# CHEMIST AND DRUGGIST

or RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3512  
CXLVII

JUNE 14, 1947

Annual Subscription (with  
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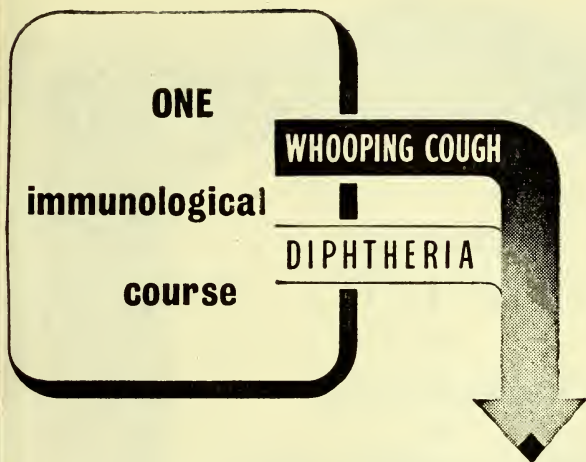
The high germicidal efficiency of Cresantol-15 — its R.W. coefficient is 65 when suitably formulated — is not by any means the only advantage this Monsanto germicide offers in the manufacture of modern antiseptic fluids. In these days of shortages, the ready availability of Cresantol-15 is of major importance. And, when you add *low-cost* to both these advantages, Cresantol-15 is well worthy of consideration if you are contemplating the manufacture of an efficient antiseptic fluid. . . . Monsanto Chemicals Limited, Victoria Station House, London, S.W.1.



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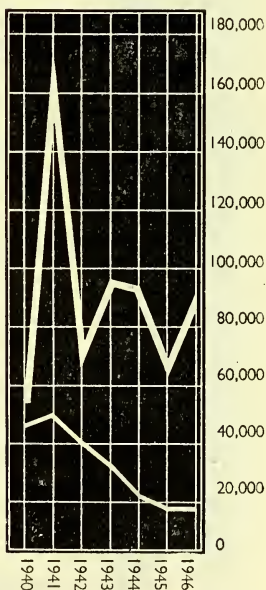
● The success of the campaign for diphtheria immunisation focuses attention upon the gravity of the figures relating to whooping cough. For this reason and for the convenience of *simultaneous* prophylaxis against both diseases, Glaxo Laboratories present the new preparation of *combined* antigens—Diphtheria Prophylactic A.P.T. plus Pertussis Vaccine (Alum-Precipitated). This condenses prophylaxis into one course of three injections (0.5 cc., 0.5 cc., and 1.0 cc.) at monthly intervals. Each cc. contains, in equal proportions, the customary Diphtheria A.P.T. (at least Lf 25) and 20,000 million H. pertussis alum-precipitated.

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PERTUSSIS VACCINE (ALUM-PRECIPIATED) Glaxo**

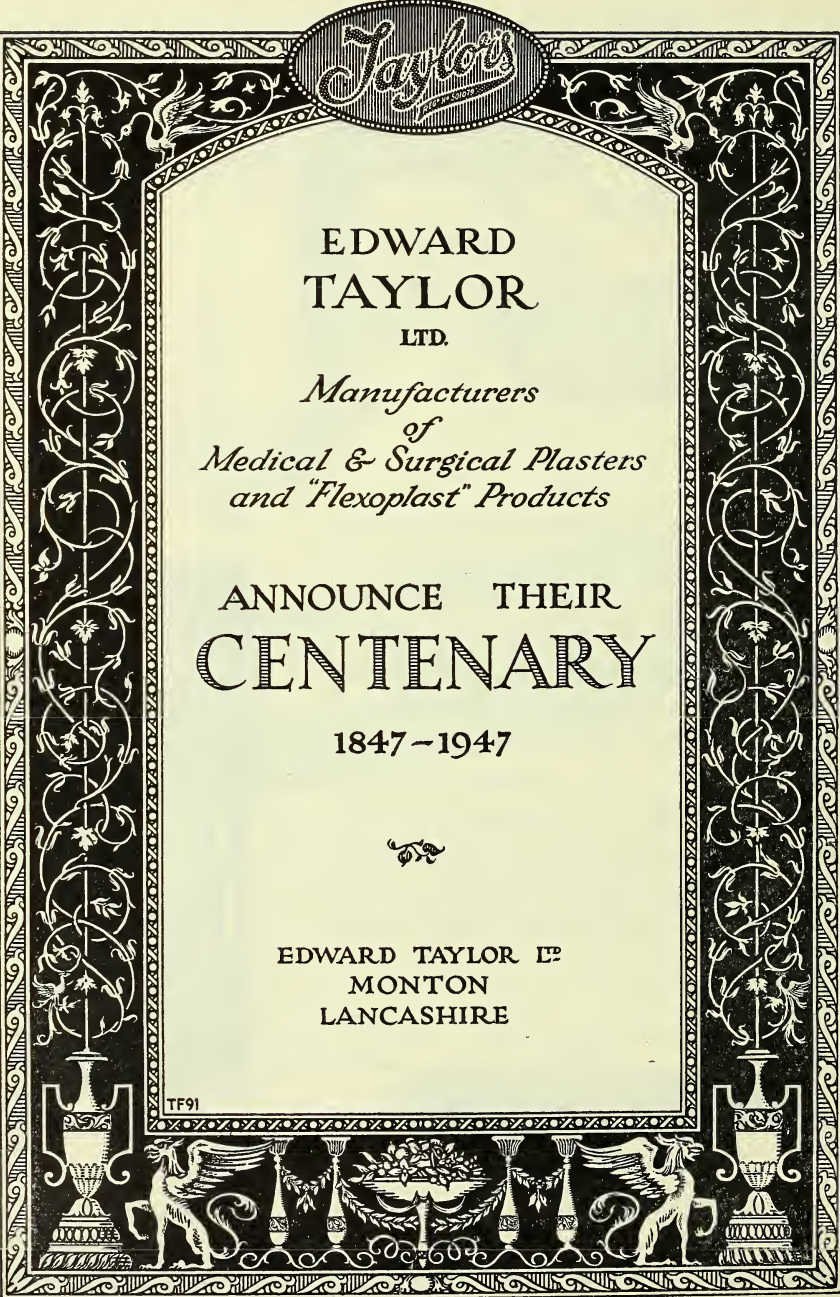
The Combined Diphtheria-Pertussis Antigens

In bottles : 5 cc. face price 10/9d. 10 cc. face price 15/6d.

Vital statistics for England and Wales (Hansard 1946, 197, 427, 227)



Thick line  
Whooping cough cases notified  
Thin line  
Diphtheria cases notified




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TF91





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*announce numerous alterations to  
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*with Vitamin D (High Potency).*

New dispensing pack : 80-oz. bottle 84/-  
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### HALYCALCYNE CAPSULES

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New packings: 12-oz. bottle 4/6d.  
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80-oz. bottle 30/-  
plus 3/4 P. Tax.

### LACTO-CALAMINE PRODUCTS

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plus 5d. P. Tax.  
Talcum Powder tin 1/9d.  
plus 1/4d. P. Tax.

### VITAMINS

Crookes Vitamin B<sub>1</sub>, B<sub>2</sub>, B<sub>6</sub>, and  
Nicotinic Acid Tablets—all reduced in  
price.

### ZINC CREAM

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### VITAMIN QUOTA CAPSULES

Now made to an improved formula which  
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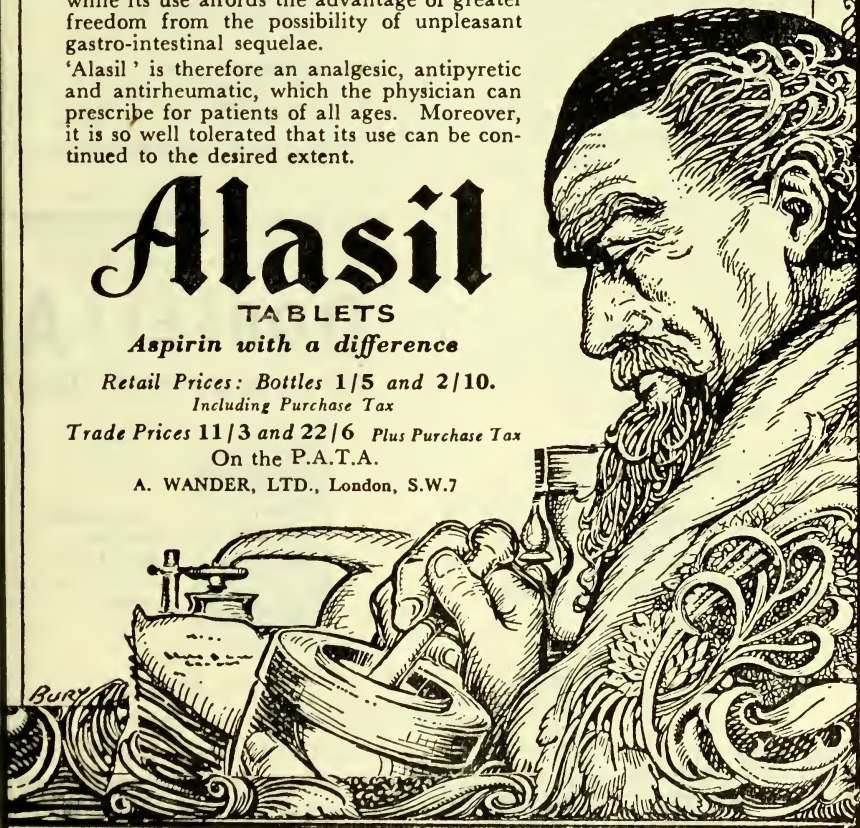
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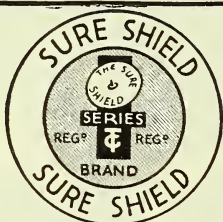
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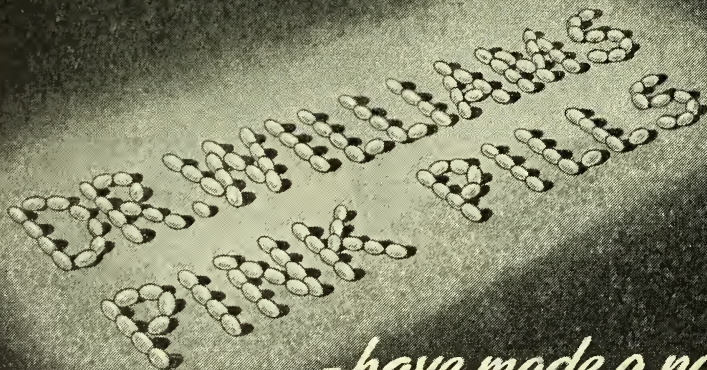
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**PRICE**  
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**PETAL**  
**DUST**

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9d.	44/-
Per Sachet	Per Gross
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 PREPARED WHEAT GERM

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Eaten as a cereal or sprinkled on other cereals, stewed fruit, etc.

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*The*  
**Superior Shampoo**

*For all shades of hair, and all  
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**SHAMPOOSHEEN DE LUXE  
 LIQUID SHAMPOO**

Retail 2/6. Per doz. 18/- Plus 6/- P.T.

**Shampoos SHEEN into hair  
 USED IN THE FOREMOST SALONS**  
 Bulk Supplies for Hairdressers

**COOLATHA**

Brush and Lather Shaving Cream available on  
 mixed orders from our representatives.

**LOVELUCK EDWARDS & Co.**  
 432/438 GARRATT LANE, S.W.18

# Re-arm your customers for increased fitness

*Re-arm yourself for national recovery*

**VOL-VITE** for extra Vitamin Fitness  
**HOWARD-TAYLOR LTD.**

*Re-arm yourself*

**VOL-VITE**  
**HOWARD-TAYLOR LTD.**

Sole distributors:

More and more of your customers are being told about VOL-VITE—the chocolate-coated multi-vitamin tablets with a standardised content of vitamins A, B<sub>1</sub>, C and D<sub>2</sub>. Daily they will be reading in national advertisements now appearing, how VOL-VITE can help to re-arm them to increased fitness in the drive to national recovery. Be prepared for their demands by ordering today from your usual wholesaler or direct from the sole distributors.

25 days' supply costs 4/6

36/- doz. in units of 1 doz. tins

## VOL-VITE

**PATA**

The chocolate-coated multi-vitamin tablets  
Another HOWARD-TAYLOR product

**W. SUTTON & CO. DRUGGISTS SUNDRIES LONDON LTD.**  
Horseshoe Lane, Enfield, Mddsx. ENFIELD 4747 (10 lines)

Regular Supplies of

**SODA ASH, FATTY ALCOHOL,  
SODIUM SULPHATE, AMYL  
ACETATE, PURE POTASH  
AND COMMERCIAL ALUM**  
required in any quantities.

Please write Box No. 1/49 C. & D. OFFICE

**BLYTON ASTLEY & CO., LTD.**

Eagle Laboratories

**LOWER BROUGHTON, MANCHESTER**

thank their customers for their patience and forbearance during these difficult times, and assure them that every effort is being made to supply quickly lines which they have previously purchased.

# MILLAMALT

Sole Manufacturers

With Vitamins

## The VITAMIN MALT FOOD

(A. 6,500 I.U., D. 400 I.U.)  
per fl. oz.

**JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept.: 19 Brookside Rd., N.19**

# NIGROIDS

*for the throat & voice*

**FERRIS & COMPANY  
LIMITED, BRISTOL**

## Compressed TABLET SERVICE

WHOLESALE & EXPORT

Reasonable estimates.  
Clients' own material operated if desired.

The ...  
**DALES ASPIRIN AND TABLETING CO.**  
Barrows Lane, STEETON, Yorks.

## *The Chas. H. Phillips Chemical Co. Ltd.*

For many years the Chas. H. Phillips Chemical Co., Ltd., has marketed a range of preparations which, by their consistently high quality, have earned the confidence of the pharmaceutical profession. Moreover, these products, by their proved efficacy, have gained wide acceptance from men and women in all walks of life.

The increasing popularity of these preparations has created demands which could not be met without sacrificing those high standards which have built up through the years a reputation of which the Company is justly proud.

While restrictions on raw materials and containers continue, shortages must inevitably persist. Every step is being taken to ensure that available output continues to be allocated on the most equitable basis possible.

### **'MILK OF MAGNESIA' (Regd.)**

The ideal antacid for infant and adult use.

### **'MILK OF MAGNESIA' (Regd.) TABLETS**

A highly convenient form of the liquid preparation.

### **'MIL-PAR' (Regd.)**

A skilfully prepared combination of 'Milk of Magnesia' and Liquid Paraffin.

### **PHILLIPS' DENTAL MAGNESIA (Regd.)**

An antacid dentifrice containing 'Milk of Magnesia.'

### **CALIFORNIA SYRUP OF FIGS (Regd.)**

The laxative of choice for children of all ages.

**THE CHAS. H. PHILLIPS CHEMICAL CO., LTD.**  
**179 ACTON VALE LONDON, W.3.**

*Constant demand*

**"ABECEDIN"**  
Vitamins A-B-C-D

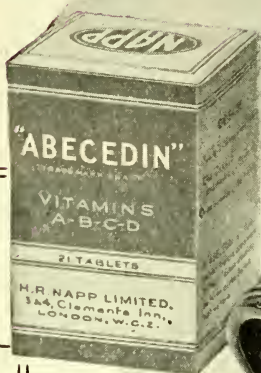
**TABLETS**

Bottles	21	-	3/6
"	105	-	16/6
"	500	-	75/-
"	1,000	-	148/-

**EMULSION**

Bottles	4 oz.	-	5/-
"	16 "	-	19/-

FREE from Purchase Tax



*- prompt delivery*



3 & 4, CLEMENTS INN, LONDON, W.C.2

Telephone: HOLborn 1444

Telegrams: "NAPPCHEM, LONDON"

ANOTHER PAGE FROM THE

## STERLING

VOLUME

Page 193

Chemicals

## MERCURIC IODIDE

Formula— $\text{HgI}_2$ . Mol. Wt. 454.5

**Properties.** A heavy scarlet-red powder which becomes lemon-yellow on heating to above  $150^\circ\text{C}$ , fusing and volatilising at about  $350^\circ\text{C}$ . Insoluble in water, slightly soluble in ether and alcohol, readily soluble in solutions of potassium iodide and of mercuric chloride.

**Standard.** The standard grade manufactured complies with the requirements of the British Pharmacopœia in all respects.

**Uses.** Mercuric Iodide is a powerful antiseptic and is used as such in lotions, ointments and medicinal soaps. It is to be preferred in many cases to mercuric chloride as being less irritant. It also finds application in the manufacture of temperature indicating paints.

**Packages.** Stoneware jars.

**Manufacturers:** THOMAS TYRER & Co. Ltd.  
Stratford, London. E. 15

ALIDS (Pure)

BISMUTH SALTS

CITRATES

SCALE  
PREPARATIONSETHER  
ANÆSTHETIC B.P.  
and METHYLATED

MERCURIALS

# Sulphonamides



*Sulphaguanidine B.P.*

*Sulphacetamide B.P.*

*Sulphacetamide Soluble B.P.*

*Sulphanilamide B.P.*



WARD. BLENKINSOP  
& CO LTD



6 HENRIETTA PLACE, LONDON, W.1

Telephone: LAngham 3185    Telegrams: Duocnem, Wesdo, London

**K**

ESTABLISHED 1870

**emball,**

TELEPHONE: ADVANCE 1234

TELEGRAMS: "KEMBALL, LONDON"

CODES: A & C 6th BENTLEY'S PRIVATE

**B**

**ishop**

**& CO. LTD**

MANUFACTURING CHEMISTS

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3.

**CITRIC ACID. TARTARIC ACID.**  
**CREAM OF TARTAR. ROCHELLE SALTS.**  
**CALCIUM GLUCONATE.**  
**LITHIUM CARBONATE,**  
**CHLORIDE AND HYDROXIDE.**

QUALITY GUARANTEED

*Constant demand*

## "ABECEDIN" Vitamins A-B-C-D

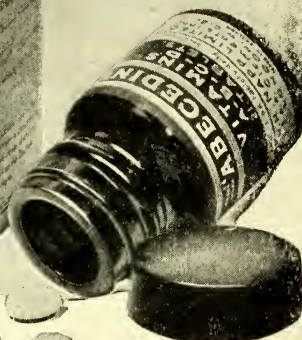
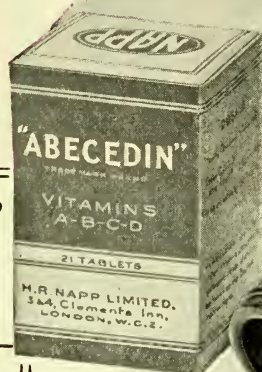
### TABLETS

Bottles	21	-	3/6
"	105	-	16/6
"	500	-	75/-
"	1,000	-	148/-

### EMULSION

Bottles	4 oz.	-	5/-
"	16 "	-	19/-

FREE from Purchase Tax



*- prompt delivery*



3 & 4, CLEMENTS INN, LONDON, W.C.2

Telephone : HOLborn 1444

Telegrams : "NAPPCHEM, LONDON"

ANOTHER PAGE FROM THE

## STERLING

VOLUME

Page 193

## Chemicals

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Formula— $\text{HgI}_2$ . Mol. Wt. 454.5

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**Packages.** Stoneware jars.

**Manufacturers:** THOMAS TYRER & Co. Ltd.  
Stratford, London. E.15

ACIDS (Pure)

BISMUTH SALTS

CITRATES

SCALE  
PREPARATIONSETHER  
ANÆSTHETIC B.P.  
and METHYLATED

MERCURIALS

# Sulphonamides



*Sulphaguanidine B.P.*

*Sulphacetamide B.P.*

*Sulphacetamide Soluble B.P.*

*Sulphanilamide B.P.*



6 HENRIETTA PLACE, LONDON, W.1  
Telephone: LAngham 3185. Telegrams: Duochem, Wesdo, London

**K**

ESTABLISHED 1870

**emball,**

TELEPHONE: ADVANCE 1234

TELEGRAMS: 'KEMBALL LONDON'

CODES: A.B.C. 6th STANLEY'S PRIVATE

**B**

**ishop**

**& CO. LTD.**

MANUFACTURING CHEMISTS

CROWN CHEMICAL WORKS, THREE MILL LANE, BROMLEY-BY-BOW, LONDON, E.3

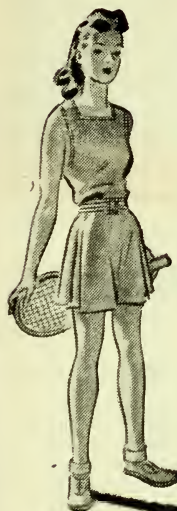
**CITRIC ACID. TARTARIC ACID.**  
**CREAM OF TARTAR. ROCHELLE SALTS.**  
**CALCIUM GLUCONATE.**  
**LITHIUM CARBONATE,**  
**CHLORIDE AND HYDROXIDE.**

QUALITY GUARANTEED

# SUMMER ADVERTISING FOR VALPEDA

THE NATIONAL FOOT BALM

*bigger than ever*



Two reasons why the public will be asking for MORE VALPEDA—good reasons both! It does its job. It is widely and heavily advertised.



The list of papers is much too extensive for printing in this space, but here are a few.

Daily Mail  
Daily Herald  
News Chronicle  
Daily Mirror  
Daily Telegraph  
News of the World  
People  
Sunday Chronicle  
Sunday Dispatch  
ETC.

Birmingham Mail  
Bristol Ev. World  
Coventry Ev. Tele.  
Derby Ev. Telegraph  
Hull Daily Mail  
Manchester Ev. News  
Glasgow Daily Record  
S. Wales Echo  
Belfast Ev. Telegraph  
ETC.

Aberdeen Ev. Express  
Dundee Telegraph  
Edinburgh Ev. News  
Picture Post  
Woman's Friend  
Woman & Home  
Woman's Illustrated  
Woman's Own  
Woman's Weekly  
ETC.

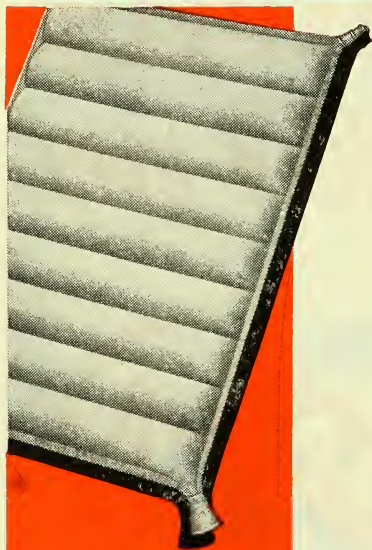
DAE HEALTH LABORATORIES LTD., 17 BERNERS STREET, LONDON, W.1



COT SHEETS

MOULDED  
HOT WATER BOTTLES

NURSING APRONS



WATER BEDS

## *Rubber Products*

### FOR THE DRUGGISTS' TRADE

Not quite as quickly as you or your customers might wish, but steadily and surely, more North British Rubber products are becoming available. Illustrated are some of the lines which can now be ordered through your Wholesaler—all of them are of the high quality associated with the name North British.

# NORTH BRITISH

THE NORTH BRITISH RUBBER CO. LTD.  
EDINBURGH & LONDON.



CUSHIONS



COMBS

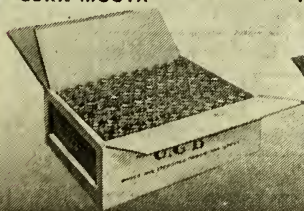
FABRIC  
HOT WATER BOTTLES

*The  
Complete Service*

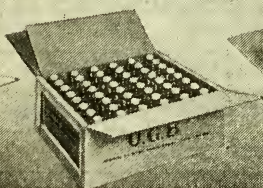
**WASHED AND  
STERILIZED  
READY FOR USE**



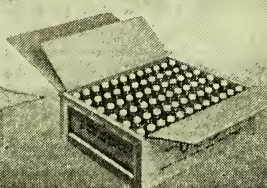
**CORK MOUTH**



**FITTED KORKALITE  
MOULDED CAPS**



**FITTED ALUMINIUM  
CAPS**



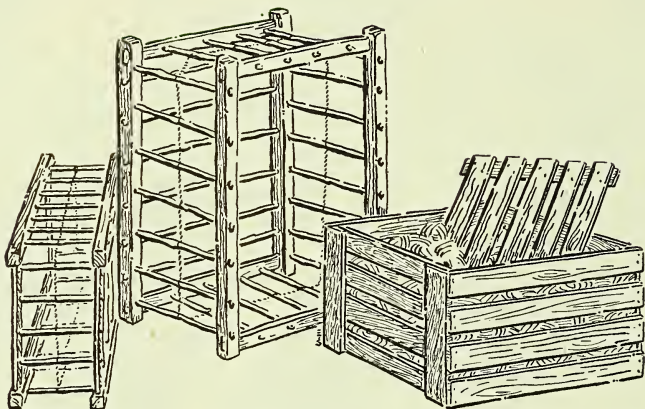
**UGB**

**UNITED GLASS BOTTLE  
MANUFACTURERS LTD.**

**8 LEICESTER STREET, W.C.2**

Tel.: GERRARD 8611 (15 Lines) Grams: UNGLABOMAN, LESQUARE, LONDON

*An appeal...*



**The shortage of crates and packing cases  
is impeding deliveries of glassware !**

**We appeal for the prompt return of all  
empties. It is of vital necessity that our  
customers should, in their own interests,  
unpack and return packages with the utmost  
speed, so ensuring continuity of supplies of  
manufactured goods.**

**WOOD BROS GLASS CO LTD**

ESTABLISHED 1828

**BARNSELY**

**YORKS**

Sole D.

S. M.

ALDRSG

*Get home on this  
heavily advertised range!*



### *Damaskin* SKINFOOD

Nationally advertised, nationally popular—backed by decorative and diverse display material. Retail Price 5/- & 9/2.

### *Damaskin* ALL-DAY MATT

The new tinted foundation cream that finds favour with Vogue, the key magazine whose unstinted praise forms the foundation of the 'newsy' nation-wide advertising campaign for this highly fashionable cosmetic. Retail Price 5/- & 9/2.

### *Damaskin* HANDCREAM

Attractively perfumed, packed and priced, Damaskin Handcream has been an immediate success. Stockists everywhere report that this line is a steady 'repeater'. Retail Price 6/6.

Sole Distributors :

## **S. MAW, SON & SONS, LTD.**

**ALDERSGATE HOUSE, CROMER ROAD, NEW BARNET, HERTS**

## "RED CLUB BRAND"

FINE SOLUBLE ESSENCES

FLAVOURINGS

ESSENTIAL OILS

"NIAGARA" BRAND CULINARY FLAVOURS



NIAGARA WORKS, EAGLE WHARF ROAD, LONDON, N.1

Telephone: CLISSOLD 7132

### The House for **TABLETS & PILLS**

We manufacture a complete range and supply packed or in bulk... Also we make to private formulæ.

PROPRIETARY REMEDIES PREPARED & PACKED

*The* **COOPER** *Laboratory Ltd*

### **BULK TABLETS**

including

**N.F. and N.W.F. lines**

supplied in convenient quantities from 100 upwards

THE SPECIALIST HOUSE  
**WATFORD**

## **Tablets and Pills** *Packed or Bulk*

**ASPIRIN.**

*Private formulæ Pills and Tablets carefully and accurately prepared at lowest possible prices.*

**CASCARA**

*Latest Automatic Pill Plant.*

and all

WE WELCOME  
ENQUIRIES

**TABLETS and PILLS**

**CASTLE HUSKISSON LTD.**

MANUFACTURING CHEMISTS

SWINTON WORKS, MOON STREET, ISLINGTON  
LONDON, N.1

Telephone : Canonbury 3466

ESTABLISHED 1768

**FINE AND INDUSTRIAL CHEMICALS**  
**PHARMACEUTICAL PRODUCTS**  
**CRUDE DRUGS**  
**PIGMENTS    SOLVENTS**  
**COAL-TAR DERIVATIVES**



**R. W. GREEFF & CO., LTD.**

HEAD OFFICE

**12, FINSBURY CIRCUS, LONDON, E.C.2**  
LONDON WALL 5241      WIRES: GREEFF, AVE, LONDON

and at

**THE ROYAL EXCHANGE, MANCHESTER**  
BLACKFRIARS 9407-8      WIRES: GREEFF, MANCHESTER

# AERO-PED

A SPECIFIC FOR INFECTIONS OF THE FEET

Now in **TWO** forms  
**OINTMENT** and **POWDER**

AERO-PED Ointment, containing Phenylmercuric Nitrate, is now accepted as a specific for Tinea Pedis (Athlete's Foot). The efficiency of its fungicidal action has been fully established.

AERO-PEO Foot Powder is a NEW development. It destroys the causative fungus lodged in footwear and thus prevents reinfection. An invaluable complementary treatment for all mycotic infections.

AERO-PED is regularly advertised in B.M.J., Lancet, etc., and clinical samples will gladly be sent to the Medical Profession.

Place your order **NOW**

Sole Distributors :

**S. MAW, SON & SONS, LTD**  
Aldersgate House, New Barnet, Herts

Manufactured by :

Aero-Ped Ltd., 35 Bessborough Place, S.W.1



## PRICES (Ointment or Powder)

Wholesale	Retail
16/- per doz.	2/3 each
+ 2/8 P.T. = 18/8	27/- per doz.

**PROFIT TO RETAIL TRADE**  
now over 40% on attractive new  
**QUANTITY DISCOUNTS**

2½% on orders for 2 doz. 5% on  
orders for 3 doz. 7½% on orders for  
4 doz. 10% on orders for 6 doz.  
Take advantage of these Quantity  
Discounts. Mixed orders accepted  
for best terms.

**EDME**  
**"Autumn Sun"**  
EXTRACT OF MALT WITH COD LIVER OIL



1lb. size  
2/3d

2lb. size  
4/3d

*Health - from Sun and Sea!*

EDME LIMITED IMPERIAL HOUSE REGENT ST LONDON W.1

**Display**  
**THIS SHOWCARD**

and get your share  
of extra custom.

This attractive Show Card in Full Colours (only 9½ × 8½ inches) needs no strutting or fixing, a 1 lb. jar in the centre of stand makes a rigid display. Placed on the Counter or in the Window it compels attention and creates sales.

EDME "AUTUMN SUN" is a Malt and Oil of supreme quality, manufactured from the finest Barley Malt and Cod Liver Oil obtainable.

National Advertising during the Winter months will bring increased trade to the Pharmacies that stock EDME "AUTUMN SUN."

For particulars and prices write to:—

**EDME LIMITED · IMPERIAL HOUSE, REGENT ST, LONDON W.1.**

TELEPHONE REGENT 5563-4

# **HORMONES**

# **ORGANON**

The full range of  
chemically and biologically standardised products

**NATURAL AND SYNTHETIC  
SEX, CORTICAL AND TROPHIC  
HORMONES**

**VITAMINS**

**LIVER EXTRACT · METHYL THIOURACIL  
DICOUMARIN AND OTHER CONTROLLING  
SUBSTANCES**

*For price list or literature send card to*

**ORGANON LABORATORIES LTD**

**BRETENHAM HOUSE,**

**TEMPLE BAR 6785**



**LONDON, W.C.2**

**MENFORMON, RAND, LONDON**

**AGENTS THROUGHOUT THE BRITISH EMPIRE & MOST OVERSEAS TERRITORIES**

***Pioneers in Hormone Research***

**THIRTY YEARS REPUTATION**

*Kenrosa*  
**HAIR PREPARATIONS**

*Kenrosa* LTD.  
LONDON, E.S.

Manufacturers of  
**PASHANA, FOUGERE LOTIONS,  
TONFREY'S DRY SHAMPOO ETC.**

## *Peter Brent & Co. Ltd.*

**BOTTLES** 1-dram—12-ozs. (British and French) for Perfume, Toilet and Pharmaceutical purposes.

**JARS** 2-dram—10-ozs. (British and French) for Face Creams, Hair Creams and Bath Salts.

**COSMETICS** Perfumes, Eau de Cologne, Lipsticks, Nail Lacquer, Brilliantine, etc., etc.

**TOILET GOODS** Powder Compacts, Powder Puffs, Nail Files, Sun-glasses, Combs, Rubber Bathing Helmets, Teats, etc., etc.

Price Lists sent on request

Dudley House, Southampton St., Strand,  
London, W.C.2

Telephone: TEMple Bar 9586/7



## *Tessa* **LIPSTICKS and REFILLS**

*Cosmetized from our  
exclusive American  
Formula into the  
Season's latest  
shades*

★ YOU ARE SUPPORTED BY EXTENSIVE ADVERTISING ★

Send for Shade Card and  
details of Trade terms.

**J. DUNHILL MANUFACTURING CO.**  
17 WOODSTOCK STREET, LONDON, W.1  
TELEPHONE: MAYFAIR 1603

# BUNION **B·D** DRESSING



*Extensively Sold on the Continent as "Baume Dalet"*

Evolved by a French physician for the treatment of Bunions, "Baume Dalet" has for many years enjoyed a wide sale on the Continent. Its distribution and manufacture in this country, under the name of B.D. Bunion Dressing, has now been arranged. Through you, we recommend sufferers from Bunions to try the B.D. Bunion Dressing Treatment. This product will give you a steadily increasing turnover. In tubes 3s. 4½d. inclusive of Purchase Tax. Enquiries are invited.

WILSONS (Bradford) LTD., 18 OLD TOWN, LONDON, S.W.4.

## SYNDRUM (REGD.)

ANTI-DANDRUFF

### Cream

AN EMINENTLY SATISFACTORY  
ANTI-DANDRUFF DRESSING  
SOLD ONLY THROUGH CHEMISTS

RETAIL

## 2/6

INCLUDING PURCHASE TAX

**CLARKSON WADE LTD.**  
BURNLEY · LANCs.



**Galjado**  
THE UNIVERSAL FAVOURITE  
FOR OVER  
20 YEARS

**HAIR COLOUR RESTORER**  
H-T-A For Grey and Tinted Hair P-A-T-A

Complete Catalogue of Perfumery and Toilet Preparations sent on request

All products obtainable from your usual wholesaler or direct from

**S. SIGAL & CO. LTD.**

MANUFACTURERS OF EXCLUSIVE TOILET PREPARATIONS  
47 TABERNACLE STREET, LONDON, E.C.2

PERFUMERY RAW MATERIALS



FOR SOAP, COSMETIC AND PERFUME  
MANUFACTURERS

MONTON LANE WORKS, ECCLES, LANCASHIRE

Phone : ECCLES 2316.

Grams : CARVANSONS, MANCHESTER

P.A.S.



# HERE ARE YOUR Request NUMBERS!

Feature them Big!—they're the quick-selling quality lines that build goodwill—and good profits. **REQUEST LATHER SHAVING CREAM**—the particular man's favourite. **REQUEST SHAVING STICK**, luxury and economy rolled into one! **REQUEST SHAMPOO**, the extra-cleansing conditioner for lustre-lovely hair. **REQUEST LIPSTICK**—gorgeous, glamorous shades, including the newest creations: **FLAME, CHERRY, BRUNETTE, CYCLAMEN.**

Send for details of terms, etc.

For quick delivery of Lather Shaving Cream and Shaving Soap phone your wholesaler today or write at once.

**ESMOREA**  
**CHEMICAL PRODUCTS LIMITED**  
106, Regent Street, London, W.1.

**SOAP  
SHAVING STICK  
OINTMENT  
TALCUM**



*-for Sensitive  
Skins!*

If you have not yet received your quota of



*Rimmel* PRODUCTS

*please write to*

**RIMMEL DISTRIBUTORS LTD.**

48, NORTH ROW, PARK LANE, W.1 (Mayfair 7124)

BEAUTY CAKE  
in 7 shades



EYE COSMETIQUE  
in 3 shades



RETAILS

3/9

With special application comb

*Now used by thousands  
of Hairdressers!*

HARMLESS TO THE HAIR  
EASY TO USE

Cost 18/- per doz.  
Plus. P.T.

Order **NOW** from :—

**S. MAW SON & SONS LTD.**  
BARNET, HERTS

# MANESTY

## TABLET MAKING MACHINERY



**MANESTY  
F  
TABLET  
MACHINE**

—  
OUTPUT  
90  
PER MIN.

FOR TABLETS UP TO  $\frac{3}{4}$ " DIAM.



**MANESTY  
N°1  
TABLET  
MACHINE**

OUTPUT  
90 PER MIN.  
FOR TABLETS  
UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
E  
TABLET  
MACHINE**

OUTPUT  
90-100  
PER MIN.  
FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
HAND  
COMPACT  
PRESS**

OUTPUT  
2000  
COMPACTS  
PER DAY

**MANESTY  
COPPER  
COATING  
PAN**

STANDARD  
SIZE  
30" DIAM.



**MANESTY  
B.B.3  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
1000-1500  
PER MIN.

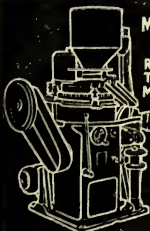
FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



**MANESTY  
N°2  
TABLET  
MACHINE**

OUTPUT  
55-220  
PER MIN.

FOR TABLETS UP TO  $\frac{1}{2}$ " DIAM.



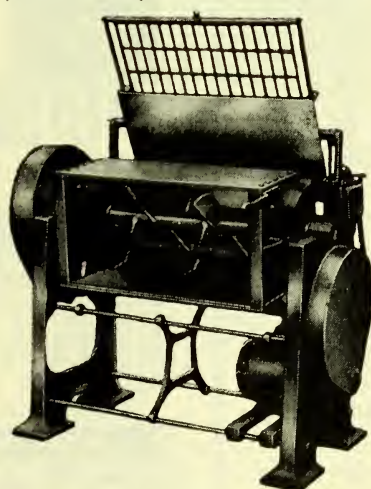
**MANESTY  
R.S.1  
ROTARY  
TABLET  
MACHINE**

OUTPUT  
168-336  
PER MIN.

FOR TABLETS UP TO  $1\frac{3}{8}$ " DIAM.

**MANESTY**

## MIXER



FOR DRY OR MOIST POWDERS  
IDEAL FOR TABLET MAKING

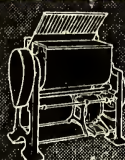


**MANESTY  
OSCILLATING  
GRANULATOR**

OUTPUT  
150-224  
LBS.  
PER HOUR

**MANESTY  
MIXER**

CAPACITY  
100 LBS.  
OF POWDER



**MANESTY  
B3  
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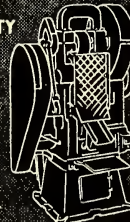
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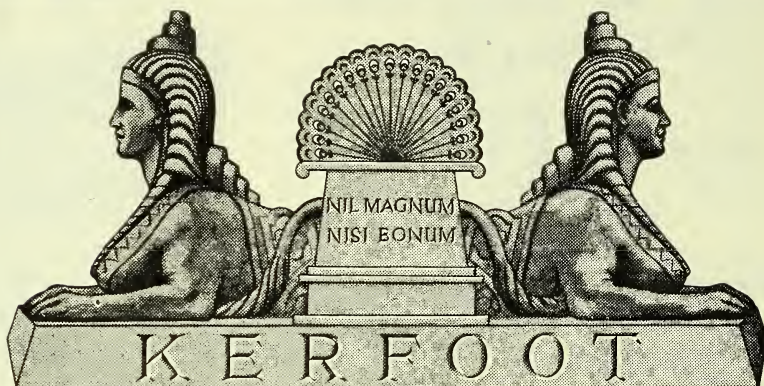
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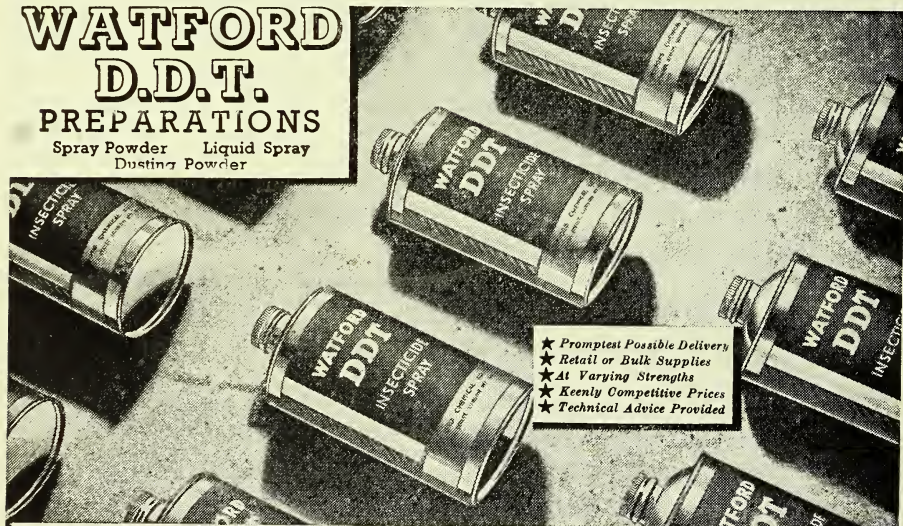


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## NEWS OF THE WEEK

**Preparations for N.H.S.**—Local Insurance Committees have been asked by the Minister of Health to help in the preparation of the registers that will be needed by Executive Councils under the National Health Service by checking and bringing up-to-date their records of insured persons.

**New N.W.F. Delayed.**—The Minister of Health has notified Insurance Committees that, because of delay in printing, it will not be possible to bring the third edition of the National (War) Formulary into operation on August 1. Information concerning the chief alterations to the previous edition is to be given, the Ministry states, in the medical and pharmaceutical press when it becomes available.

**Registered Pharmacists' Union.**—At a meeting of the executive council of the Registered Pharmacists' Union on June 1, the following officers were unanimously elected:—*President*, Mr. R. G. Collins, Birkenhead; *Secretary*, Mr. G. H. Armitage, 4 Lovelace Road, East Barnet; *Treasurer*, Dr. D. J. Gibson, London. After a discussion on the policy of the organisation,

it was decided to prepare a broadsheet for issue to members.

**Rubber Gloves for Doctors.**—The Ministry of Health has issued a reminder that doctors in private, general or consulting practice who require surgical rubber gloves for professional use should apply to the Secretary, Central Medical War Committee, British Medical Association House, Tavistock Square, London, W.C.1, marking the envelope "gloves" in the top left-hand corner, and enclosing a stamped addressed envelope. A booklet of six certificates is then supplied.

**Colorado Beetle.**—The Ministry of Agriculture and Fisheries has reported that, up to June 6, the number of Colorado beetles found and notified to the Ministry's laboratory was just over 100, most of them from London and suburbs and from near the Kent coast. There was no "outbreak" of beetles nor any evidence that any of the beetles had reached this country by flight across the Channel. Many had travelled with various commodities in ships from the Continent. In collaboration with

Plant Protection, Ltd., the Ministry has strengthened an organisation for the protective spraying of selected potato areas and for dealing with possible infestations immediately they are reported.

**Memorandum to Chancellor.**—A memorandum on the Finance Bill, 1947, has been submitted to the Chancellor of the Exchequer by the Association of British Chambers of Commerce and the Federation of British Industries, claiming (1) that a duty on bonus issues is undesirable; (2) that the profits tax is inequitable; and (3) that the provisions for retirement benefit are likely to cause hardship.

**Remuneration of Medical Specialists.**—The Minister of Health and the Secretary of State for Scotland have appointed a committee of eleven members, under the chairmanship of Sir Will Spens, to make recommendations on the range of total professional remuneration of registered medical practitioners in consultant or specialist practice in any publicly organised hospital and specialist service. The committee is instructed in its terms of reference to take into consideration the financial expectations of consultant and specialist practice in the past, the financial expectations in other branches of medical practice, the necessary post-graduate training and qualifications required, and the desirability of maintaining the proper social and economic status of specialist practice and its power to attract a suitable type of recruit.

**Art in Medicine.**—An exhibition of "Art in Medicine" at the Foyle Art Gallery, Charing Cross Road, London, W.C.2, is open until June 19. The paintings and drawings, some fifty in number, are the work of Anna Zinkeisen, medical artist to St. Mary's Hospital, Paddington, and one section of the pictures depicts a number of patients who were treated as air raid casualties at that hospital. A series of pathological and clinical drawings are excellent examples of this little developed branch of art. Penicillin culture plates are shown in a number of drawings and there is also a sketch showing the administration of penicillin using the "automatic" drip apparatus. A water-colour entitled "The Green Man" depicts the skin coloration which develops when Kition green is injected as a diagnostic test in tumour of the brain. A series of portraits of members of hospital staffs complete the exhibition.

**Wholesale Drug Trade Association.**—The half-yearly meeting of the Wholesale

Drug Trade Association was held at North Berwick, Scotland, on May 28. At a dinner in the evening, Mr. I. V. L. Fergusson (chairman) expressed the thanks of members from south of the border for the hospitality they had received in Scotland. Mr. Mitchell C. Ross responded for members of the Scottish Group of the Association. On the following day golf and bowls were played on the local greens. The winner of the Bowman cup, for competition among directors and partners of member firms, was Mr. N. M. Holmes. Mr. L. M. Oakley won a prize presented by the Scottish Wholesale Druggists' Association, which also gave mementoes to members who played in the foursomes. A team representing the north beat a team from the south in the foursomes by 4 matches to 2. The prizes were presented by Mrs. J. F. Boucher. Mr. C. A. O. Rideal (vice-chairman) expressed the members' thanks to the Scottish Committee, particularly to Messrs. D. C. Wilson and N. Rainy Brown who had organised the social events.

**North British Executive.**—Voting papers for the election of eighteen members of the Pharmaceutical Society's North British Executive must be returned in time to arrive at 36 York Place, Edinburgh, not later than 4 p.m. on June 24. The following candidates have accepted nomination: John Anderson, Dundee; Frederick Baillie, Glasgow; William Andrew Beattie, Glasgow; Frederick William Moncrieff Bennett, Arbroath; William Campbell Carmichael, Glasgow; James Smillie Clark, Newmains, Lanarks; Charles Coutts, Aberdeen; Robert James Cowie, Aberdeen; William Spence Culbert, Airdrie; Charles Gray Drummond, Edinburgh; John Eadie, Stranraer; Edward Fraser, Buckie, Banffs; Andrew Brown Gilmour, Glasgow; Thomas Guthrie, Glasgow; George Hedderwick, Edinburgh; Samuel Hughan, Glasgow; George Thomas Lamb, Montrose; Thomas Loudon, Dalry, Ayrshire; Robert McAdam, Glasgow; John Bayne MacDonald, Perth; Charles William Macfarlane, Dundee; Thomas Mackenzie, Inverness; William Mair, Edinburgh; Thomas Campbell Miller, Dunfermline; Douglas Alexander Ramsay Moncur, Edinburgh; Alexander Murray, Glasgow; Archibald Robertson, Hamilton; Robert Nicol Sheriffs, Troon; John Hunter Tainsh, Edinburgh; Henry Turnbull Thomas, Kelso; John Walker, Glasgow; Robert Singer Whitelaw, Anstruther; James Montgomery Williamson, Glasgow.

**Watford's Industries.**—In preparation for the day when demands for the output of its factories are no longer in large excess of the ability to satisfy them, the borough of Watford is staging in its Town Hall a Watford Industries Exhibition, which opened on June 5 and comes to an end on June 18. Predominantly a printing centre (one eighth of its population is employed in the industry) Watford's other industries are numerous and varied, ranging from glass novelties to aeroplane engines. All are represented at the Exhibition. The exhibitors include J. C. ENO, LTD., whose factory at Whippendell Road, Watford, was opened in 1946, to replace a previous London factory destroyed during the war. On display at the stand, in addition to Eno's Fruit Salt, are products manufactured by associated companies: Dinneford's fluid magnesia, Serocalcin tablets, Holloway's pills and ointment, Irving's Yeast-Vite tablets, Cicfa tablets and Iron Jelloids. Ovaltine, made at King's Langley, five miles to the north of Watford, is the central feature at the stand of the manufacturers, A. WANDER, LTD.; other products shown by the company include Alasil (aspirin and Alocol) tablets, Vimaltol vitamin food and Wander brand malt extract and cod liver oil. R. & J. BECK, LTD., are showing instruments for medical, educational and industrial use, including microscopes and spectrosopes, together with optical units, lenses, prisms, etc. BEDFORD PRODUCTS & LIGHT ENGINEERING CO., LTD., are showing infra-red moisture testers, analytical and physical balances, weights and laboratory equipment. F. DARTON & CO., LTD., are exhibiting barometers, thermometers, pocket microscopes and magnifiers. WATSON'S WATER SOFTENERS, LTD., show portable and mains types of water-softening apparatus suitable for dispensary or domes-

tic uses. The opening ceremony of the exhibition on June 5 was performed by the Rt. Hon. Lord Brabazon of Tara, P.C., M.C.

## LOCAL NEWS

**Blackpool Officers.**—The following officers of the Blackpool Branch of the Pharmaceutical Society have been appointed for 1947-48: *President*, Mr. P. Varley; *Secretary*, Mr. Alfred Greenwood, 255 Talbot Road, Blackpool; *Treasurer*, Mr. F. W. Ludlam.

**Leicester Officers.**—At the annual meeting of the Leicester and Leicestershire Branch of the National Pharmaceutical Union on June 3, the following officers were elected:—*Chairman*, Mr. G. H. Rimmington; *Vice-chairman*, Mr. V. S. Tinkler; *Secretary*, Mr. W. H. Dennis, 8 Halford Street, Leicester; *Treasurer*, Mr. R. W. Peberdy.

**Isle of Wight Officers.**—At the annual meeting of the Isle of Wight Branch of the Pharmaceutical Society recently the following officers were elected:—*Chairman*, Mr. F. H. Burgess, East Cowes; *Vice-chairman*, Mr. P. A. Moore, Sandown; *Secretary and Treasurer*, Mr. M. F. Thatcher, 47 High Street, Shanklin. Mr. W. Ramage, Ryde, was elected *Chairman* of the National Pharmaceutical Union Branch.

**Exeter Officers.**—At the annual meeting of the Exeter Branch of the Pharmaceutical Society on June 4, the following officers were elected:—*Chairman*, Mr. Peter M. Smith, Exeter; *Vice-chairman*, Mr. L. D. Knight, Bideford; *Treasurer*, Mr. John Harris, Exeter; *Secretary*, Mr. W. N. Boorne, c/o Evans, Gadd & Co., Ltd., 10 Smythen Street, Exeter; *Social Secretary*, Mr. M. D. Scott, Exeter. A committee of



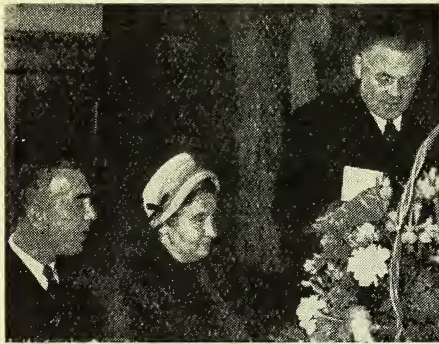
**YORKSHIRE OUTING.**—Some of the staff of Bleasdale, Ltd., manufacturing chemists, York, photographed in the market place at Helmsley, Yorks, on May 31, during the first outing to be organised by the company since the beginning of the war. The party, travelling by motor coach, also visited Saltersgate, Whitby and Hayburn Wike. At Scarborough members of the party were free to seek their own entertainment, assembling later for tea before the return journey to York.

nine members, including Mr. A. C. Milton (retiring chairman) was also elected.

**500 Years' Service.**—Nine officials of Evans Medical Supplies, Ltd., who were toasted at the company's annual dinner to representatives and managers held in Liverpool on May 21, had between them given nearly 500 years' service. Already in retirement were Messrs. W. N. Rutter (sixty-three years of service), F. L. Beckett (sixty-two), W. D. Kenah (fifty-four), C. W. Dalrymple (fifty-one), P. S. Robbins (forty-six), and F. L. Gutteridge (forty-four). About to retire were Messrs. C. E. M. Andersen (fifty-six), G. W. Marris, Ph.C. (forty-two) and T. H. Critchley (fifty-four).

**Newport Branch.**—At a meeting of the Newport and Monmouthshire Branch of the Pharmaceutical Society held at Newport on June 4, it was noted from correspondence received that a revised National War Formulary was to be introduced in August and that a formulary for use under the National Health Service was to be introduced in 1948. In discussion it was urged that pharmacists should be given ample notice of any changes in the drugs to be supplied to avoid the accumulation of dead stock and to ensure that prescriptions calling for drugs not usually stocked hitherto could be dealt with promptly.

**Twenty-five Years' Service.**—A luncheon in honour of Mr. Karel Bohemen (a director of Polak & Schwarz (England),



Ltd.), to mark his completion of twenty-five years with the company, was held in Chingford recently. A tribute to Mr. Bohemen was paid by Mr. A. Schwarz who had travelled with his family from the company's head office in Zaandam, Holland, and several gifts, including a medal and a scroll, were subsequently presented to Mr. Bohemen.

## IRISH NEWS

**Dublin Strike Continues.**—A recent attempt by the Congress of Irish Unions to settle the strike of wholesale drug workers in Dublin (see *C. & D.*, March 8, p. 328) proved unsuccessful. New terms offered by the employers were rejected by the employees after a ballot had been taken.

**Eire Gaelic and Camogie.**—The Eire pharmaceutical chemists' Gaelic and Camogie teams travelled to Greystones recently to play the local teams. The footballers were beaten by a narrow margin but the Camogie team had an easy win. The teams were accompanied by Miss Cora Gaffney (chairman, Camogie Club) and Mr. M. Hanna (social committee). Mr. E. Power, Ph.C., with local helpers, was responsible for entertaining the visitors. The Gaelic team were subsequently defeated in a McGeady Cup match by University College, Dublin, but won two championship games. Both teams are anxious to arrange fixtures near Dublin.

**Belfast Students Visit Dublin.**—During Whitsun weekend a party of some twenty pharmaceutical students from Belfast visited Dublin as guests of the Eire Chemists and Students' Social Committee. On arrival the visitors were received by Mr. Seamus Fox (chairman, social committee) and Mr. Liam Byrne (correspondence secretary, Students' Representative Council) and were later guests at a dance. On Whit Sunday the visitors played a football team from the college of the Pharmaceutical Society of Ireland and were later entertained to dinner. Mr. Seamus Fox, who presided, hoped that there would be many more such visits. Messrs. P. A. Brady and M. Costello also made speeches of welcome to the visitors. Messrs. J. Shanks and W. Adams replied.

## OVERSEAS NEWS

**Danes to See British Goods.**—An All-British exhibition is to be held in Copenhagen in September. The exhibition will be organised by the British Import Union of Copenhagen in collaboration with the Federation of British Industries, as was done in the previous British exhibition in Copenhagen in 1932. Plans are now in course of preparation.

**Argentine Penicillin Monopoly.**—A three-year monopoly for the manufacture and sale of penicillin in the Argentine from August 1948 until August 1951 has been assigned to E. R. Squibb and Sons, an affiliate of the American Squibb Company.

## TOPICAL REFLECTIONS

### Problems of Management

Your editorial comment on the report entitled "Education for Management" (p. 658) puts the subject in its true perspective. Management in industry is essentially an art, however much science may enter into courses of training for managerial posts. This fact was impressed on me in a conversation, several years ago, with a veteran works chemist, who illustrated by an instance from his own experience the difference between ability to explain a chemical process in a lecture theatre and ability to carry out the process with the help of untrained or partially trained workmen. The proposal in the report mentioned that standards of qualification for management should be established is coupled with a recognition of the need for practical as well as academical training in the subject. This is an essential point. The best theoretical knowledge in the world will not confer the gift of leadership on students in whom it is hopeless to look for it; but the gift, where present, can be developed by judicious cultivation. It must be remembered that management is not identical with formulation of policy. For successful management there must be some degree of leadership, some power of initiative, so that subordinates can be given confidence in the outcome of the work in hand. While we cannot expect to find born leaders under every bush, we can reasonably ask that managers for departments and sub-departments in industrial concerns should be chosen with discrimination.

### N.H.S. Negotiations

The important conference of Pharmaceutical Committees' representatives held a few days ago (pp. 660-62) discussed more aspects of the coming National Health Service than I have space to notice in a single paragraph. I propose to confine my remarks to the composition of the negotiating committee. The position is undoubtedly difficult, and organised pharmacy seems to have got itself into a tangle. In cases of this kind it is best to be frank. On referring to the report in your issue of April 20, 1946, of a largely attended meeting held to discuss the terms of the National Health Service Bill, I see that one of the recommendations carried was that a negotiating committee containing "a substantial preponderance of contractors" be set up. It now appears that the Negotiating Committee set up by the Joint Committee on a

National Pharmaceutical Service does not commend itself to the representatives of Pharmaceutical Committees who met on May 28. As the National Pharmaceutical Union Executive has for the past twenty-six years or so, through one of its committees, been the negotiating body on behalf of pharmacy in N.H.I. affairs, it seems to me that it would have been better to confirm the Executive in that office rather than to embark on an experiment that savours of compromise. As experienced observers have urged more than once, a ground of agreement with the company chemists should have been sought and found at an early stage in this complicated procedure. If pharmacy is going to speak with two voices in Whitehall, the outcome is likely to be disillusionment.

### Singing and Surgery

Dr. Malcolm Morris's survey of sixty years' medical progress during Queen Victoria's reign (p. 665) included a mention of the laryngoscope. This instrument has a particular interest as a link between laryngology and the art of singing. In some form or forms it was tried early in the nineteenth century (for example, by Babington in 1829), but it was Manuel Garcia who in 1854-55 gave it an assured position. In the latter year the Royal Society took up the subject. Garcia, perhaps the most distinguished of all teachers of singing, came of a Spanish family of musicians. His father attained international recognition in more than one department of music. Manuel Garcia was born in 1805, and in boyhood received lessons from his father and from the French composer Fétis. As early as 1829 he decided to devote himself to the teaching of singing in Paris. In course of time he was attracted to the scientific aspects of the technique of vocalisation; in 1840 he presented a monograph on the human voice to a French learned society, and ten years later removed to London, where he was very successful. For some time after his appearance as an author in the Proceedings of the Royal Society it was hard to say whether surgery or music was likely to be the chief gainer by his research. The list of those of his pupils who won fame is a lengthy one; he continued to give lessons, I believe, till he became a centenarian. As a member of London concert audiences his venerable figure can be recalled by many living musicians.

**Xrayser**

## COMPANY NEWS

**O. K. SHAVING CREAM CO., LTD. (P.C.).**—Capital £1,000. First directors are to be appointed. R.O.: 28-37 Easton Street, London, W.C.1.

**ARTHUR SMITHS (CHEMISTS), LTD. (P.C.).**—Capital £500. First directors are to be appointed. Solicitor: Peter O. Ashworth, 5 Greek Street, Park Row, Leeds.

**LONGLANDS (CHEMISTS & OPTICIANS), LTD. (P.C.).**—Capital £2,000. John W. Longland, M.P.S., and Susan M. Longland, directors. R.O.: 55 High Street, Rishton, nr. Blackburn.

**TORBRON, LTD. (P.C.).**—Capital £1,000. To carry on the business of chemists, druggists, opticians, etc. Robert C. Rowe, M.P.S., and Winifred Rowe, directors. R.O.: 28 Tyrrel Street, Bradford.

**W. T. GRAHAM, LTD. (P.C.).**—Capital £500. To carry on the business of chemists, druggists, etc. William T. Graham, M.P.S., Mary A. Graham and Anthony I. Graham, directors. R.O.: 247 High Street North, Manor Park, London, E.12.

**PETER EDEN, LTD. (P.C.).**—Capital £1,000. To acquire the business of a retail chemist and wine merchant carried on by Eva W. Eden at 79 High Street, Cleator Moor, Cumberland, as "Peter Eden." Mrs. Eva W. Eden and Peter I. Eden, directors.

**GRASSICK'S PHARMACY, LTD. (P.C.).**—Capital £1,000. To carry on the business of manufacturing, pharmaceutical and general chemists, etc. William J. Samuel, M.P.S., and Elsie R. Samuel, directors. R.O.: 14 Queen Street, London, E.C.4.

**DALESMAN PRODUCTS, LTD. (P.C.).**—Capital £1,000. To carry on the business of manufacturing chemists and druggists, etc. William R. Hebden and Noel Kirtley, directors. R.O.: Dalesman Works, Wind-sor Road, Halifax.

**FRED'K HAROLD & Co., LTD. (P.C.).**—Capital £100. To carry on the business of manufacturing chemists and druggists, etc. Frederick A. Digby, Harold S. W. Firminger, Frederick G. R. Firminger and Harold J. Simmons, directors. R.O.: 4 Great Queen Street, London, W.C.2.

**ROEBANK CHEMICAL CO., LTD. (P.C.).**—Registered in Edinburgh. Capital £1,000. To carry on the business of importers and manufacturers of and dealers in pharmaceutical, medicinal, chemical and industrial and other preparations and articles, etc. The first directors are not named. R.O.: 187A West George Street, Glasgow.

**G. W. R. COUZENS & SON, LTD. (P.C.).**—Capital £2,000. To carry on the business of manufacturers of and dealers in medicines, drugs, preparations and instruments for the treatment of animals, etc. George W. R. Couzens, M.P.S., and Muriel M. Couzens, directors. R.O.: Old Castle Pharmacy, Crickhowell, Brecon.

**B. B. LECITHIN, LTD. (P.C.).**—Capital £100. To acquire interests in patents, etc., for any invention relating to the manufacture and use of lecithin or products thereof; to manufacture and deal in food extracts and preparations, medicines, etc. Paul E. Kunzer and Harold H. Boehm, directors. R.O.: 19 Bentinck Street, London, W.1.

**COMMERCIAL PLASTICS, LTD. (P.C.).**—Capital £300,000. To carry on the business of manufacturers of and dealers in plastics, synthetic resins, chemicals, dyestuffs, pharmaceuticals, cosmetics, etc. David Finnie, Joseph E. O. Arnold, Ralph H. Embleton, directors. R.O.: Willington Quay, Wall-send.

**MAY, ROBERTS (IRELAND), LTD.**—Net profit for the year ended January 31 amounted to £14,120. A dividend on the ordinary shares of 15 per cent. is recommended, the same as in the previous year.

**EVANS MEDICAL SUPPLIES, LTD.**—Net profit for the year 1946 amounted to £50,637 as against £28,668 in the previous year. A dividend on the ordinary shares of 10 per cent. is recommended, the same as in 1945.

**THE BRITISH DRUG HOUSES, LTD.**—Profit for 1946 amounted to £70,881 after provision for taxation, as against £42,284 in the previous year. Dividend for 1946 is 8 per cent. compared with 6 per cent. in 1945.

**B. LAPORTE, LTD.**—Net profit for the year ended March 31 amounted to £147,543 as against £192,644 in the previous year. A final dividend on the ordinary shares of 10 per cent. is recommended, plus a bonus of 2½ per cent., making 17½ per cent., the same as in 1945-46.

**GREEFF-CHEMICALS HOLDINGS, LTD.**—Net profit for 1946 amounted to £29,784, compared with £21,707 for 1945. A final dividend on the ordinary shares of 8½ per cent. is recommended, plus a bonus of 5 per cent., making 17½ for the year, as against a total dividend of 10 per cent. and bonus of 2½ per cent. in 1945.

**Bankruptcy.**—**ERNEST PERCIVAL HAYMAN**, Rose Tor Hotel, Chestnut Avenue, Torquay, toilet preparations and chemists' sundries wholesaler, lately carrying on business under the style of "Normax Products" at 77 Torquay Road, Paignton, and at Castle Circus House, Torquay, Devonshire. The first meeting of creditors of the above debtor was held recently at the Official Receiver's Office, 26 Baldwin Street, Bristol, when it was reported that proofs of debt had been received amounting to £2,385, against assets of £463. A resolution was passed for the appointment of Mr. Parkin S. Booth, Kimberley House, Holborn Viaduct, London, E.C., as trustee of the estate.

## BIRTHS

**IMRIE.**—On June 5, Olwen (née Morgan) the wife of Alfred Imrie, Ph.C., 41A High Street, Ely, Cambs, of a daughter.

**LEE.**—On June 2, Joan, the wife of Edward Foster Lee, M.P.S.I., 86 Douglas Road, Cork, Eire, of a son.

**MCINTYRE.**—On May 24, the wife of Joseph Alexander McIntyre, M.P.S.N.I., Gas Works House, Dungannon, co. Tyrone, Northern Ireland, of a son.

## MARRIAGE

**CRUICKSHANK-MILNE.**—At Aberdeen, on June 5, Duncan James Cruickshank, M.P.S., 4 High Street, Tierriff, to Isobel Milne, Kemnay.

## DEATHS

**COLES.**—On May 11, Mr. Charles Nathaniel Coles, M.P.S., 53 The Orchard, Winchmore Hill, London, N.21. Mr. Coles qualified in 1890.

**DEMPSEY.**—At Edinburgh, on May 28, Mrs. Sarah Osborne Dempsey, widow of the late Mr. Arthur Kerr Dempsey, M.P.S.

**FERGUSON.**—On October 16, 1946, Mr. James Sherrif Ferguson, M.P.S., 151 Roberts Avenue, Kensington, Johannesburg, South Africa. Mr. Ferguson qualified in 1904.

**HOARE.**—On May 24, Mr. William Harold Hoare, whose address in the Register is 8 Osmaston Road, Derby, aged seventy-five.

**HOGAN.**—At his residence, Rocklands, Tramore, Waterford, Eire, Thomas Aloysius Hogan, M.P.S.I. Mr. Hogan qualified in 1921.

**LATHAM.**—On June 2, Mr. David Pater-son Latham, M.P.S., Market Pharmacy, Aylsham, Norfolk. Mr. Latham qualified in 1907.

**PATTULLO.**—On May 13, Mr. James Watson Pattullo, 5 Dalziel Place, Edinburgh, aged sixty-seven. Mr. Pattullo qualified as a chemist and druggist in 1920.

**PORTER.**—On April 26, Mr. L. W. Porter, aged sixty-six years. For over thirty years, prior to his retirement in 1943, Mr. Porter was a representative for Evans Medical Supplies, Ltd.

**REID.**—At 18 Southfield Terrace, Portobello, Edinburgh, on May 27, Mrs. Rowena McLay Gray Reid, widow of the late Mr. Robert Reid, M.P.S., Portobello.

**STARLING.**—On May 14, Mr. Robert William Starling, M.P.S., High Street, Rotherfield, Sussex, aged forty-five. Mr. Starling qualified in 1933.

**STOODLEY.**—On May 1, while on service as a sergeant dispenser with the Royal Air Force in Egypt, Mr. Peter Stoodley, M.P.S., 31 The Square, Crewkerne, Somerset. Mr. Stoodley qualified in 1945.

**THOMAS.**—On February 10, Mr. William John Thomas, M.P.S., Maesyderi House, Corporation Road, Loughor, Glam. Mr. Thomas qualified in 1899.

**WARD.**—Recently, after a prolonged illness, Mr. Arthur John Ward, a representative for nearly forty years of Jeyes & Co., chemists, Northampton, aged sixty-two. Mr. Ward is survived by a widow and three daughters.

**WOODHOUSE.**—On May 9, Mr. John Edmondson Woodhouse, M.P.S., 28 Clark Street, Morecambe, Lancs, formerly of Anzac House, Whitecroft, nr. Lydney, Glos. Mr. Woodhouse qualified as a chemist and druggist in 1932.

## WILLS

**MR. HERBERT WATTS, M.P.S.,** 1 Stanley Grove, Sale, Cheshire, left £267.

**MR. WILLIAM BORTHWICK, The Old Rectory, Hatfield, Herts,** left £240,887, with net personalty £117,507.

**MR. CYRIL JOHN PORTER, M.P.S.,** 66 Croftdown Road, Harborne, Birmingham, left £101.

**MR. GEORGE HOWARD CHARLES ROWLAND, M.P.S.,** 98A Findhorn Place, Edinburgh, left £4,123.

**MR. GUY REDVERS LARGE, M.P.S.,** 149 Broad Street, Dagenham, Essex, left £5,271, with net personalty £5,240.

**MR. GEORGE WALLIS, M.P.S.,** 77 Park Road, Ryde, Isle of Wight, left £2,390, with net personalty £2,358.

**MR. OWEN CHARLES GEENTY, M.P.S.,** 23 Ellers Road, Roundhay, Leeds, left £1,448, with net personalty £1,103.

**MR. MAURICE SIDNEY REID, M.P.S.,** 22 Tyrone Road, Thorpe Bay, Essex, left £4,899, with net personalty £3,425.

**MR. WILLIAM FORSTER, Ph.C.,** 30 Church Street, Seaham, Durham, left £12,367, with net personalty £1,966.

**MR. JAMES OTTO PFENNINGER, M.P.S.,** 177 Streatham Road, Mitcham, Surrey, left £7,953, with net personalty £4,897.

**MR. RICHARD BUTLER, M.P.S.,** 8 St. Roberts Road, Knaresborough, Yorks, left £10,460, with net personalty £9,258.

**MR. ELLIS ARTHUR COLLINGS, M.P.S.,** 31 Green House Road, formerly of Doncaster, left £5,785, with net personalty £1,721.

## LEGAL REPORTS

**For Trial on Four Charges.**—John Albert Mann, 36 Queens Crescent, Kentish Town, London, N.W.5, who appeared on remand at Clerkenwell magistrates' court on June 3, after a number of previous hearings (see *C. & D.*, May 10, p. 520) was committed for trial at the County of London Sessions on charges of indecently assaulting two sisters by examining their bodies and of stealing an emulsifier value £4 10s. from his employers, Briccas, Ltd., and receiving it knowing it to have been stolen. He pleaded not guilty to all the charges and reserved his defence.

**Committed for Trial.**—After a hearing extending over four months, the magistrate at Bow Street, London, police court on June 5 dismissed one summons against David Weitzman, M.P., barrister-at-law, three of his brothers and two other men (see *C. & D.*, February 15, p. 226) alleging that, with intent to deceive, they had conspired to render to the Board of Trade false declarations with relation to toilet preparations, but committed them for trial at the Central Criminal Court on a second summons of conspiring with others to evade the control and limitation of manufacture of toilet preparations. All had pleaded not guilty and reserved their defence.

**Pills Sold in Public Place.**—Sentence of two months' imprisonment was passed at the Belfast police court on May 28 on Lewis Lascelles, Rosebery Road, Belfast, who was convicted of selling pills in a public place contrary to the Medicines, Pharmacy and Poisons Act (Northern Ireland) 1945. Lascelles was stated to have been seen by the police selling stomach, blood and liver pills at 2s. a box at a fair in Belfast. When asked by the police why he was offering pills for sale in a place other than a shop he said, "I had a shop taken in Grafton Street, Dublin, but the authorities there would not let me open up." A district-inspector, on behalf of the Ministry of Home Affairs, said they were anxious to make an example of Lascelles, who was a persistent offender.

**Food and Drugs Act Fine.**—At Colne, Lancs, on June 2, W. H. Standing & Sons, Ltd., Parliament Street, Colne, were fined £2 with £7 1s. costs for selling ground almond substitute not of the quality demanded. For the manufacturers (Scottish Flavour & Colour Co.), it was stated that the substitute was manufactured in accordance with a licence that restricted it for

manufacturing purposes only. The instructions had been passed on and someone else had been responsible for a breach. Mr. W. H. Standing (a director of the defendant company) said that when he sold the substitute he had no reason to think it did not conform with the Act. The chairman said the magistrates were satisfied the regulations had been met in manufacture.

## C. & D. DISPENSING PRICE LIST

THE following price alterations, which took place during May, should be noted :—

Cost <i>d. per</i>	<i>Due allowance has been made for purchase tax in both cost and dis- pensing prices</i>	Dispensing price		
		4 oz. <i>s. d.</i>	1 oz. <i>s. d.</i>	1 dr. <i>s. d.</i>
51 oz.	Argenti nitras cryst. . .	—	—	1 1
67 oz.	Argenti nitras indurat., 8's	—	—	1 6
9 oz.	Guaiaci resinæ pulis . .	—	1 4	0 2½
59 lb.	Hamamelidis cort. pulv. . .	1 11	0 7	—
96 lb.	Hennæ fol. pulv. No. 1 . .	3 6	1 0	—
12 oz.	Hydrargyrum (wt.) . .	1 9	0 3	—
81 lb.	Myristica pulv.	2 10	0 10	0 1½
10 lb.	Naphthalenum comm. (flake) (1s. 3d. lb.)	0 5	—	—
68 oz.	Ol. santali Aust.	—	10 0	1 7
46 lb.	Ol. theobroma- tis . .	1 8	0 6	0 1
56 oz.	Pepsinum . .	—	8 2	1 4
32 lb.	Sodii et potass. tart. pulv. . .	1 2	0 4	—
10 oz.	Spt. camphoræ	4 2	1 2	0 2
105 oz.	Suprarenalium P. 1. (9 & 13)	—	—	2 5
72 lb.	Terpinol . .	2 7	0 9	0 2
66 lb.	Thyroideum P. 1. (9 & 13)	—	9 7	1 6
66 oz.	Totaquina . .	—	9 8	1 4
42 lb.	Ung. acid. ben- zoic. co. . .	1 6	0 5½	—
63 lb.	Ung. althææ virid. . .	2 3	0 8	0 2
49 lb.	Ung. zinci c. ol. ricini . .	1 9	0 6	—
17 oz.	Zinci chlori- dum (sticks)	—	2 6	0 4½

## TRADE NOTES

**New Increased Prices.**—Velvet Crepe Paper Co., Ltd., Alpertons, Middlesex, recently increased the wholesale and retail prices of Velen soluble sanitary towels.

**Again Available.**—For the first time since 1939, Goya bath essence is available from the manufacturers, Goya, Ltd., 161 New Bond Street, London, W.1.

**Sole Distributors.**—Stanwhite, Ltd., Parkhouse Works, London, S.E.5, have been appointed the sole distributors of Butywave shampoo, manufactured by Biometica, Ltd., London, S.W.1.

**Census of Distribution.**—An announcement by the Board of Trade, giving particulars of a pilot census of distribution which is taking place in the week June 15-21, appears on another page of this issue. Editorial comment is made on p. 688.

**Price Alterations.**—On another page in this issue, the Crookes Laboratories, Ltd., Park Royal, London, N.W.10, give a list of alterations that have occurred in the prices of their specialities since the issue of the company's 1946-47 price list.

**Soaps Requiring Coupons.**—Evans Medical Supplies, Ltd., state that the serial numbers of their Medisoaps that may not be supplied free from rationing against a medical prescription are Nos. 46, 83 and 87, and not as stated in the company's announcement in the June 7 issue of the *C. & D.*

**Travel-sickness Preventive.**—Clay & Abraham, Ltd., 87 Bold Street, Liverpool, 1, have issued under the name Travogen a preparation for the prevention of all forms of travel sickness. The product is supplied in capsules in small plastic tubes each containing twenty capsules. Terms may be had on application to the makers.

**Hair-bleach Powder.**—Chemists are invited to place orders with S. Maw, Son & Sons, Ltd., Aldersgate House, New Barnet, Herts, for Blontone powder hair bleach, which is stated to be in use by thousands of hairdressers throughout the country. A special applicator comb is included in each carton.

**National Advertising.**—An advertising campaign is proceeding in the national Press for Nuctone hair tint for grey hair. The preparation is available in two sizes and four grades for home use, and a special introductory cash-on-delivery parcel may be had on application to Stewart, Goodall

& Dunlop, Ltd., 121A Princes Street, Edinburgh, distributors of the preparation.

**Silk-screen Printing.**—An exhibition of silk-screen printing is being staged by Display Craft, Ltd., at the company's new factory at 86 Acre Lane, Brixton, London, S.W.2. The exhibition, which is open until the end of June, includes specimens of work on plastics, glass and plywood, built-up display units, and a new portable display and exhibition unit issued by the company. Admission is by invitation card obtainable on application to the promoters at 59 Belvedere Road, London, S.E.1.

**Dermatitis Treatment.**—Attention is drawn by the makers to the merits of Keroderm in the treatment of dermatitis. Keroderm is an ointment issued by Scientific Pharmacals, Ltd., Innox House, Balls Pond Road, London, N.1, and containing bismuth oxyquinolate, flounder oil (vitamins A and D), isolinoleic acid, splenic and orchitic extracts, together with "a specially devised excipient." Chemists are invited to apply to the manufacturers for sample, formula and literature.

## Proprietary Articles Trade Association

**Additions to Protected List.**—*Yorkshire Pharmaceutical Industries, Ltd.*, Teddy Bear preparations: Cough mixture, 15s. doz., tax 2s. 6d. doz., inclusive retail price 2s. 2½d.; gripe, soothing, antiseptic, blood and diarrhoea mixtures, tonic, and cream of magnesia, 11s. doz., tax 1s. 10d. doz., i.r.p. 1s. 8d.; Nit lotion, 8s. doz., tax 1s. 4d. doz., i.r.p. 1s. 5d.; zinc and castor oil cream, 9s. doz., tax 1s. 6d. doz., i.r.p. 1s. 3d.

**Alterations.**—*Allen & Hanburys, Ltd.*, Glycerin and blackcurrant pastilles, 4-oz. cartons, 1s. 4d., 12s. 4½d. doz. (exempt from tax); shaving-stick refills, 9s. 4d. doz., tax 3s. 1d. doz., i.r.p. 1s. 4d.

*Buffham's Preparations:* Resinol ointment, 28s. 6d. doz., tax 4s. 9d. doz., i.r.p. 3s. 6d.; 45s. doz., tax 7s. 6d. doz., i.r.p. 5s. 9d.

*G. W. Harrison, Ltd.*, Increased prices June 15: Harrison's nursery pomade, 6s. doz., tax 1s. doz., i.r.p. 9d.; 11s. 3d. doz., tax 1s. 10d. doz., i.r.p. 1s. 5d.

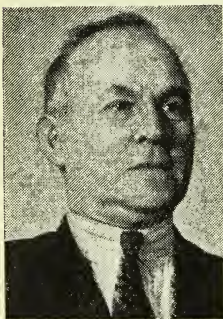
*Wm. J. Millar & Son, Ltd.*, Uneeda head and nerve powder, eight powders, 10s. doz., tax 1s. 8d. doz., i.r.p. 1s. 5d.; dispensing packs: (thirty-three powders), 41s. doz., plus 6s. 10d. tax; (seventy-eight powders), 90s. doz., plus 15s. tax; single powders, 2½d. each.

*Savory & Moore, Ltd.*, Medilax, 14s. 4d. doz., tax 2s. 4½d. doz., i.r.p. 1s. 9d.; 3s. 6d., 32s. 4d. doz., tax 5s. 4½d. doz., i.r.p. 3s. 11½d.

*A. Wander, Ltd.*, Ovaltine chocolate, 6½d., 5s. 3½d. doz. (exempt from tax).

## PERSONALITIES

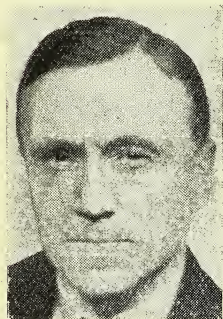
Mr. H. C. SHAW, who is the new vice-chairman of the Pharmaceutical Society, has served since



1943 as the Society's treasurer. He was elected to the Council in 1939. For many years Mr. Shaw has taken an active interest in the pharmaceutical affairs of North Staffs, his local area, and is a past-chairman of the local branch of the Society. He has served as a mem-

ber of the pharmaceutical services sub-committee for Stoke-on-Trent, and several times as the Branch's representative to the British Pharmaceutical Conference, and local delegate to National Pharmaceutical Union conferences. Born in the West Riding of Yorkshire in 1891, he served his apprenticeship with Thomson & Capper, Ltd., Huddersfield, qualifying in 1913. During the 1914-18 war he served in the Royal Army Medical Corps, and later in the Royal Field Artillery, where he was promoted to commissioned rank. After that war he entered into partnership with Mr. T. C. Cornwell, Piccadilly, Hanley, in a 100-year-old business which he took over in 1922.

Mr. W. SPENCER HOWELLS, who has taken over the office of treasurer of the



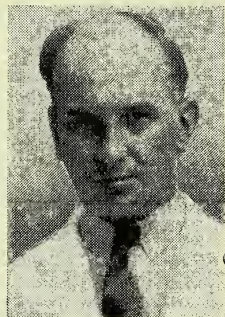
Pharmaceutical Society, has been a member of the Council since 1936; he was president for two years 1942-44, and during this time had the distinction of holding concurrently (1943) the presidency of the Proprietary Articles Trade Association. He was elected a member of the council of the P.A.T.A. in 1933;

a member of the executive committee in 1937, and chairman of the retail section in 1940. Mr. Howells, who served his apprenticeship in Carmarthen, qualified in 1910,

and after gaining experience in the West End and suburbs of London, settled in business in Richmond, Surrey, where he has been in business for some thirty years, with interests in a number of pharmacies. He has served several times as chairman of the Thames Valley Branch of the Society.

Mr. J. R. ELLIOTT, Ph.C., (chief pharmacist, Lambeth Hospital, London, S.E.11)

who was recently re-elected to the Council of the Guild of Public Pharmacists (he had previously been a member from 1933-42), entered hospital pharmacy in 1929, after serving for a period as a demonstrator at the College of the Pharmaceutical Society. In other sections of pharmaceutical organisation, Mr. Elliott is a member of the Pharmacists' Advisory Committee of the London County Council, and represents the L.C.C. on the National War Formulary Committee. He has served on the pharmacy committee of the Association of Scientific Workers since its formation, and is on the provisional council of the National Organisation of Employee Pharmacists. During his previous term of office on the Guilds' Council, Mr. Elliott held the positions of registrar, later becoming vice-president. Recently he was re-elected chairman of the London Branch of the Guild for the third successive year.



Mr. JACK SKINNER, M.P.S. (of John Skinner, Ltd., 12 Barnton Street, Stirling) has returned to business, after serving in the Army. As a captain in the R.A.S.C., he was engaged for two years on transport work in the jungle in Burma.

Mr. JAMES J. B. WALDRON (a one-time candidate for the Council of the Pharmaceutical Society) writes that, after spending some thirty years in Spain, including two years in the Royal Navy as interpreter during the Spanish Civil War, and about eight years as Admiralty Courier, he has retired to The Lebanon. His present address is c/o Russell & Co., P.O. Box 540, Beyrout, The Lebanon. Mr. Waldron qualified in 1903.

## THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

MR. EMANUEL SHINWELL (Minister of Fuel and Power) indicated on June 5 that another announcement would shortly be made on the Government's policy on conversion from coal to oil in industry. He had just refused to encourage the wider use of oil fuel for domestic heating and, when questioned further, had said, "We have advised the industrialists who wish to use oil fuel and we are contemplating making another announcement soon."

### Repairs to Industrial Premises

MR. S. MARSHALL asked the Minister of Works: Will the Minister instruct local authorities to grant licences for repairs to industrial premises to be carried out where evidence is provided that the necessary materials and labour are available?

MR. DURBIN (Parliamentary Secretary): A licence would normally be granted if the necessary materials and labour were available and the requirements of other priority work were not prejudiced. Existing instructions to local authorities are in that sense.

### Postal Services

MR. E. H. KEELING on June 6 raised a debate on the adjournment declaring that there was a great deal of public dissatisfaction as a result of the latest cuts in postal services. The last delivery and last collection in Inner London, he said, were too early for people who wanted to do their correspondence after business hours, including a number of small businessmen. MR. BURKE (Assistant Postmaster-General) replied that the Government had been reviewing the Civil Service, and departments, including the Post Office, had been asked to cut down their manpower to turn it into production rather than distribution.

### Development Councils

When the Industrial Organisation Bill was given a third reading on June 3, MR. H. MARQUAND, replying for the Government, said that there was no intention of setting up a large number of development councils quickly. They did not want to create in the new organisations something that would overlap existing bodies.

### Penicillin Bill "Talked Out"

The Penicillin Bill came up for its second reading in the House of Commons on June 9. As a member was still speaking in the

debate at 10 p.m., the debate was adjourned under the rules of the House.

Moving the second reading, Mr. Bevan urged that control of the sale of penicillin was necessary. "It seems highly undesirable that this very valuable substance should become the plaything of quacks," he said. "All sorts of ways of advertising it and selling it could be adopted—penicillin lipstick, rouge and powder and so on." It would be appalling if, as a consequence of misuse, the whole population might, over a period of years, receive no advantage at all from it because it would have developed resistance to the effects of taking it.

The Opposition generally approved the Bill, though SIR JOHN MELLOR announced his intention of moving an amendment to limit its operation to five years, to give the country a chance of reviewing the progress made in that time.

MR. HUGH N. LINSTEAD welcomed the Bill, and said the Minister had discharged the onus on him of proving his case. He commented, "We haven't got much left to us now except our own bodies and the freedom to doctor ourselves ought not lightly to be interfered with." But the experience with venereal disease in Italy had shown that it was possible to build up a penicillin-resistant organism throughout a community. He was glad that the Minister had indicated that he proposed to move a few amendments in committee that would make the Bill more workable and acceptable. He pointed out that Clause 2 of the Bill, for the control of additional substances, provided that these substances must be produced by living organisms, but they might be produced through chemical synthesis in the laboratory.

### Health Service Date

Answering Mr. Viant on June 9, the PRIME MINISTER (MR. C. R. ATTLEE) announced that the Government had decided on July 5, 1948, as the date on which the rest of the National Insurance schemes and the English and Scottish National Health Service schemes would come into operation.

**Temple of Heaven Penicillin.**—China's first plant for the manufacture of penicillin has been installed in the Temple of Heaven, Peking, the headquarters of the National Vaccine and Serum Institute.

## SICKNESS SURVEY

RESULTS of a survey of the prevalence of sickness, undertaken for the Ministry of Health, have been issued recently as a report by the Government's Social Survey organisation. In a foreword to the report, Sir Wilson Jameson (Chief Medical Officer of the Ministry) states that the survey provides "basic information of great value in adjusting the health services to the needs of the community, and in assaying the progress of our work."

Until recently, the only illnesses for which there were definite figures were the compulsorily notifiable diseases and illnesses which proved fatal; there was no nation-wide measurement of the amount of general illness, nor of the incapacity resulting from it. To provide much-needed information on these matters, the Government's Social Survey organisation, which undertakes various investigations for Government departments, has spent the past three years in conducting a continuous survey of the prevalence of sickness. The method used has been that of the "sampling inquiry," based on the principle that the examination of a small sample of people can provide information about the condition of the population as a whole. The first experimental health survey took place in January 1944. From February 1945 there has been a regular monthly survey. About 3,000 people are selected monthly, each time in different districts, the names of the people being chosen at random. Trained investigators call on the people selected and ask questions about their health during the previous few months. The replies are analysed by medical statisticians, and reports are drawn up—there is no compulsion on anyone to give the information and answers are treated as confidential.

From the monthly survey fluctuations may be measured in the nature and frequency of ailments and injuries in relation to sex, age, region, living conditions and other factors.

Data which the survey has brought to light include the facts that women complain of about 25 per cent. more minor ailments than men (for defined illness of a more serious nature there is little difference, however, between the sexes); and that people consulted their doctors in 1944 at an average rate of about six attendances per head of the adult civilian population.

Application for copies of the report (price 7s. 6d. each) should be made to the Director, Social Survey, 39-41 Nottingham Place, London, W.1.

## A SCIENTIFIC CONVERSAZIONE

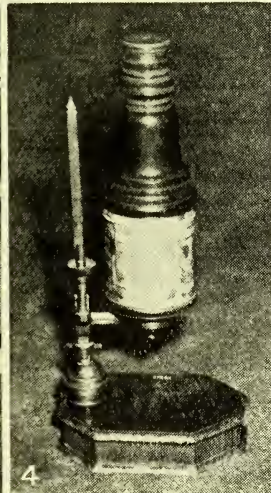
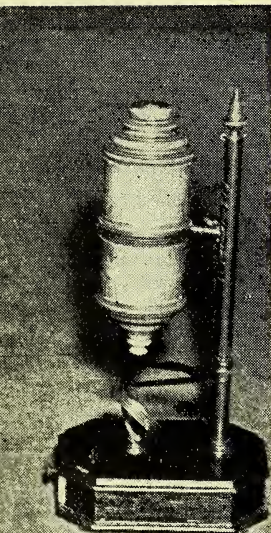
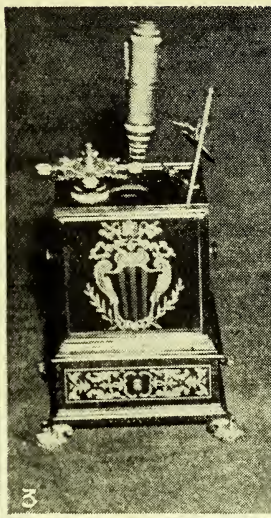
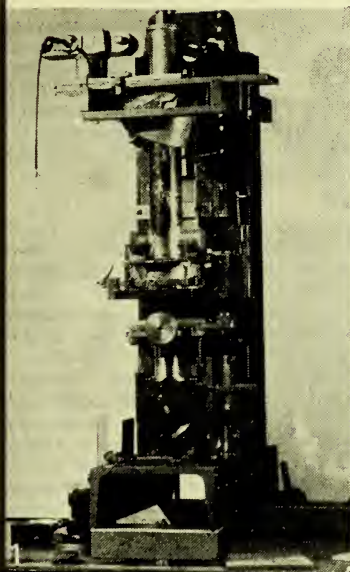
A REFLECTING microscope containing two mirrors in its objective in place of a lens system was one of many new pieces of apparatus exhibited recently in London at a soirée organised by the Royal Society (the first ordinary soirée of the Society held since the beginning of the 1939-45 war). The instrument which, when adjusted, is in focus for all wave-lengths of light, is claimed by the designers (workers at Bristol and Oxford Universities) to have "great possibilities" for use with ultra violet light (picture p. 683). It may be fitted with an oil-immersion component.

### "Outsize" Crystals

Interference light-filters, adjustable to any desired light wave-length; examples of crystals of sodium chloride and potassium bromide, grown by "seeding" a cooled crystal of the substance in a bath of the molten crystals; and prisms made from the crystals and intended for use in optical instruments designed for infra-red work were also exhibited (Adam Hilger & Co.).

Imperial Chemical Industries, Ltd., exhibited a high-efficiency laboratory fractionating column capable of separating liquids with a difference in boiling points of 0.7 to 1.0°C.; its 39 in. column was packed with  $\frac{1}{16}$  in. gauze ferrules, and automatic control of reflux-ratio, sample collection, and lagging temperature, were provided. Exhibits from the Davy Faraday Research Laboratory illustrated the principles of the air-driven ultra centrifuge and the applications of the instrument to the investigation of high polymers in solution, while, in another section, the Wellcome Historical Medical Museum illustrated, by means of exhibits, the development of the microscope to the compound instruments of the eighteenth century.

Other exhibits included a micrometer operated burette (from the National Physical Laboratory) with markings corresponding to 0.0001 mil; electron micrographs of virus crystals (by the Molteno Institution, Cambridge); a display illustrating the isolation of the first bacterial enzyme to be obtained in a pure state (catalase), and the semi-explosive action of this substance on hydrogen peroxide, breaking it down to water and oxygen (Medical Research Council). From the Science Museum came a demonstration apparatus using table-tennis balls, which could be released by a "mouse-trap" type of mechanism, for illustrating the uranium chain reaction.



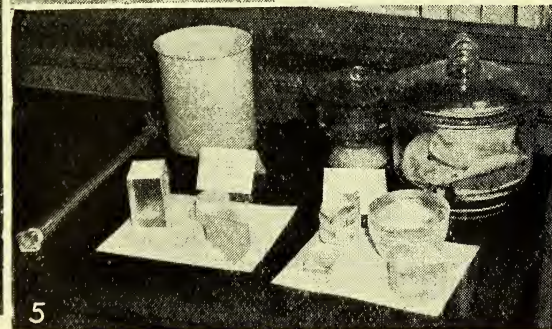
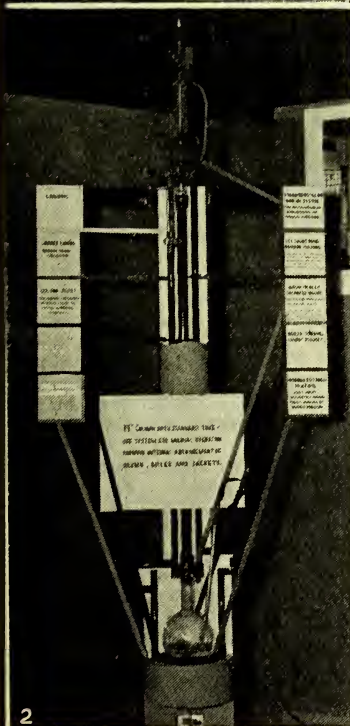
## EXHIBITS AT A CONVERSAZIONE

(See opposite page)

1. Reflecting microscope (objective consisting of mirrors).  
2. Model of 39-in. high-efficiency fractionating column.

3. Left: Microscope made for Pope Benedict XIV, date 1740-58. Right: Modified Hooke's microscope, focused by moving the stage (early 18th century); and (4) Marshall microscope, incorporating fine focusing adjustment (late 17th or early 18th century).

5. "Grown" crystals of sodium chloride and potassium bromide. A seed-crystal fixed in a water-cooled chuck is shown (left).



## NATIONAL PHARMACEUTICAL UNION

THE monthly meetings of the Executive of the National Pharmaceutical Union and of the directors of the Chemists' Defence Association were held in London on May 27 and 29.

### National Health Service

THE SECRETARY reported that, as a result of discussions in the Joint Committee on a National Pharmaceutical Service, that body had sent an invitation to the N.P.U. Executive, the Company Chemists' Association, and the Co-operative Parliamentary Congress Committee to consider a proposition that they should form a Joint Contractors' Committee, with power to co-opt, to undertake responsibility for negotiating the terms of remuneration under the National Health Service; the invitation envisaged that the Joint Contractors' Committee would be a subcommittee of the full Joint Committee. After full discussion, the Executive decided that it was impossible to reconcile the N.P.U. claim that contract terms under the new Health Service were a matter for negotiation by contractors' interests only, with a position in which the body negotiating on behalf of contractors was a subcommittee of the Joint Committee on a National Pharmaceutical Service. It was therefore agreed that the proposition from the Joint Committee should be accepted, subject to its being understood that the Joint Contractors' Committee should have full executive powers but that it would co-operate fully with the Joint Committee and would report to that body on the course of negotiations. The decision was endorsed by a meeting of the Central N.H.I. Committee which met later on the same day (see below).

At an adjourned meeting of the Executive, THE CHAIRMAN submitted a report of a meeting of the N.P.U. Central National Health Insurance Committee held on May 27. It had been unanimously resolved, he said, that Mr. A. R. Melhuish should be reappointed chairman. Rural area dispensing had been discussed, and the question was to receive further consideration at the conference of Pharmaceutical Committee representatives to be held on May 28. The committee had had before it the decision taken by the N.P.U. Executive upon a proposal (see above) from the Joint Committee on a National Pharmaceutical Service in regard to a negotiating body for terms of contract under the National Health Service. Subject to retention of executive powers in

this matter by the representative body of contractors, it was agreed that the proposal from the Joint Committee provided a satisfactory basis for protecting the specialised interests of the contractors whilst integrating them closely with the other sectional interests concerned in the future provision of the pharmaceutical service.

### Drug Tariff

It was reported that the Drug Tariff would in future be issued quarterly, and that the monthly lists of price alterations would no longer be issued to Insurance Committees; the monthly price changes would continue to be put into effect in the Pricing Bureaux.

On a proposal received that the new National (War) Formulary should come into operation at August 1, it was agreed to represent to the Ministry of Health that the date of operation should be delayed unless copies of the new edition of the formulary could be made available to pharmacists forthwith.

The report of a meeting of the Accounts Committee, held on May 29, and the treasurer's report, submitted by MR. A. R. MELHUISH, were received and adopted.

### Shops Acts

Consideration was given to proposals put forward by a Home Office Committee of Inquiry that the present statutory general closing hours should be advanced to 7 p.m. (8 p.m. on the late day), and it was decided that no action was called for at that stage. The matter would be kept under review, in view of the expressed intention of the Government to introduce amending Shops Act legislation, and because of the bearing of general trading hours on terms of service for the pharmaceutical service.

The report of a meeting of the Business Services Committee held on May 29 was also submitted. It was resolved that, on the withdrawal of investments after completion of not less than twelve months' investment, interest should be paid up to the last previously completed quarter. Mr. E. A. Brocklehurst was elected *Chairman* of the committee for the year. The committee's report was received and adopted.

The report of a meeting of the Publications and Price List Committee held on May 27 and 28 was received and adopted; Mr. J. F. McNeal was appointed *Chairman* of the committee.

The report of a meeting of the C.F. Council held on May 8 was received. An appli-

cation for membership of the N.P.U. from a firm whose business would be conducted on a mail-order basis was considered and declined.

Fifty-six persons who had joined the N.P.U. since the previous meeting of the Executive were formally elected. The meeting congratulated Messrs. Brocklehurst and Steinman on their successes at the recent election of the Council of the Pharmaceutical Society.

### Chemists' Defence Association

The following payments were reported in settlement of claims: 6s. 3d. for customer's stockings damaged by an intruding dog; £8 (including costs) in connection with eye drops supplied by a member; 16s. 6d. for damage caused by a member's stove to a customer's raincoat; £10 10s. for doctor's fee and loss of employment due to camphorated oil being supplied in error; £5 3s. for doctor's fees in connection with a glass vaginal douche fitting supplied by member; and £2 in respect of damage caused to a perambulator, umbrella, etc., by a faulty stopper to a bottle of proprietary chlorinating liquid. The report to the directors also included particulars of the matters on which legal advice had been obtained for members from the Union's solicitors; an unusually large proportion of them arose out of damage to business and private properties as a result of weather conditions during the early months of the year.

### CHEMISTS FEDERATION

A MEETING of the Chemists Federation Council was held on June 5. In the absence of the president, the chair was taken by Mr. R. C. Feather (vice-president). Meetings of the C.F. Standards and Propaganda Committees had been held on the previous day.

The Council received with regret the resignation of Mr. R. A. Peck, the representative of May, Roberts & Co., Ltd. The secretary was instructed to convey to Mr. Peck the Council's appreciation of the services he had rendered, particularly on the Standards Committee. A report was received of the meeting of the C.F. Standards Committee and its recommendations were approved and adopted. Of five applications for manufacturer membership considered, one was deferred and the following were accepted: Stephen Matthews & Co., Ltd., 19 Farringdon Street, London, E.C.4 (Curicones, Stemat anti-catarrrhal balm, Vicaps, Curilax, Sanalve, Arthroids balm);

Vermex Chemical Co., Ltd., Blackpool (Lipalene, Zodas, Quinamon, Rapalax); Smith, Saville & Partners, Ltd., Willshaw Street, London, S.E.14 (aspirin 309); and Carlton Pharmaceutical Industries, Ltd., 78 Bollo Bridge Road, London, W.3 (Chilbalm, Flower Petal dusting powder, Peach balm, Spot balm).

A report of the meeting of the C.F. Propaganda Committee was received and its recommendations approved. Details of the response by C.F. manufacturers and wholesalers to an appeal for contributions to the propaganda and publicity fund were received. It was decided that the Federation should issue to C.F. manufacturers a label to be placed on the backs of all C.F. show material and worded as follows: "*This showcard refers to a product which has been accepted by the Chemists Federation, and chemists are asked to use it to the best possible advantage in the interests of both the manufacturer and retailer.*" Of four applications for wholesaler membership considered, two were not accepted, one was deferred for further information to be obtained and the following firm was approved: Rudge Roberts, 30 Trinity Street, Shrewsbury.

### A PHARMACIST'S ANTHOLOGY

WE came past the window whose contents I was presently to know by heart, a very ordinary chemist's window except that there was a frictional electrical machine, an air-pump and two or three tripods and retorts replacing the customary blue, yellow, and red bottles above. There was a plaster-of-Paris horse to indicate veterinary medicines among these breakables, and below were scent packets and diffusers and sponges and soda-water syphons and such-like things. Only in the middle there was a rubricated card, very neatly painted by hand, with these words—

Buy Ponderevo's Cough Linctus Now.

N O W !

W H Y ?

Twopence Cheaper than in Winter.  
You Store Apples! Why not the  
Medicine You Are Bound to Need?

in which appeal I was to recognise presently my uncle's distinctive note.

From "Tono Bungay" by H. G. Wells.



## Metaldehyde

BRITISH MADE

### SAFE SOLID FUEL SLUG & SNAIL KILLER

IN PACKETS, 1/3, 2/4, 5/6

Obtainable from  
Chemists, Ironmongers & Seedsmen  
Sole Concessionaires for the U.K.  
and EireH. R. NAPP LIMITED  
3 & 4 Clement's Inn, London, W.C.2

Three profitable lines . . .

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FOR COUGHS AND COLDS  
**PATA FENOLIN FLUID PATA**  
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ELDON VAPORISERS  
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**HALL FORSTER & CO. LTD**  
NEWCASTLE-ON-TYNE

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ALL GRADES

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All sizes and qualities of  
**HONEYCOMB AND TURKEY SPONGES**

Now available from stock Reasonable prices

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SPONGE IMPORTERS

29, CRICKLEWOOD BROADWAY,  
CRICKLEWOOD, LONDON, N.W.2.  
GLADSTONE 6860

## BURROUGH'S

60 gallons or less  
in 6 months requires  
no Control Licence.

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OVER 80 YEARS  
REPUTATION

### Children's Powders

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TAN, TANTAN, OR BEIGE

Each packet 15/- to make 2 gallons

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## CACHETS "FINOT"

17 Sizes to fit various  
types of machinesAdapted for  
Headache, Neuralgia  
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ESTABLISHED 1783

## ATKINSON & BARKER'S INFANTS' PRESERVATIVE

The Best and Safest Infants' Medicine of  
150 years' standing

Does not contain any Scheduled Poison

**ROBERT BARKER & SON, LTD.**  
13 WESLEY ST., C. on M., MANCHESTER

## INFORMATION WANTED

Information with respect to suppliers of the  
following items would be appreciated :

Onalogen.



# The CHEMIST AND DRUGGIST

## SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

JUNE 14  
1947

28 ESSEX STREET, LONDON, W.C.2

Prevailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- c.c.r.a.

### SITUATIONS OPEN

6 for 40 words or less, 2d. for every additional word

#### RETAIL (HOME)

**ALLEN & NEALE (Chemists) LTD.** require an assistant pharmacist and an unqualified assistant for their good-class modern pharmacy in the market town of King's Lynn, Norfolk. Please give full details in application.

**ASSISTANT**, unqualified, required for modern pharmacy. Good opportunity for initiative; one with knowledge of photography and used to good-class dispensing and counter preferred; progressive position, permanency. Reply, giving full particulars and salary required, to W. Bates & Co., Ltd., 25 Oxford Street, Southampton.

**ASSISTANT**, qualified, required immediately. Mainly for dispensing. Please give full particulars, including salary required. Also locum required for July. Apply Welton's, High Street, Coventry.

**BOOTS** the chemists invite applications from qualified assistants, male and female (particularly those who have recently completed their course of study), and from fully trained unqualified assistants under 35 years of age. Applications, stating age, experience, district preferred, etc., to Retail Staff Department, Station Street, Nottingham.

**CHEMIST**, Birmingham, qualified assistant required for dispensing, lady or gent. Permanent post. Reply giving age, experience and salary to Sidney H. Blunt, Ltd., 106 Bordesley Green, Birmingham, 9.

**CHEMISTS**. Applications are invited from qualified chemists (with or without optics) to act as branch managers in various parts of Scotland. Good wages and conditions. Successful applicants will be considered for entry into the Superannuation Fund after an initial period of service. Interviews will be arranged at points most convenient to applicants. Apply in writing, giving full particulars, including age, experience, etc., to The Technical Supervisor, Scottish Co-operative Wholesale Society, Ltd., Retail Drug Department, 187 Bogmoor Road, Shieldhall, Glasgow, S.W.1.

**CHESTERFIELD & North Derbyshire Royal Hospital**. First assistant or assistant pharmacist required. Salary at J.N.C. rates with allowance for experience. Federated Superannuation Scheme. Applications by June 16th, with full details and copies of testimonials to House Governor.

**DISPENSERS**, part-time. South and West London. Please state days and hours free. No Sunday. Apply 1/68, C. & D. Office.

**EASTCOTE**. Qualified assistant required for good-class family business. Dispensing and counter. Permanency. Good salary. Would consider part-time. Apply A. Q. Tucker & Co., Ltd., 123 Field End Road, Eastcote, Pinner, Middlesex.

**HOUNSLOW**. Pharmacist branch manager required for modern high-class pharmacy. No holiday or Sunday duties. Excellent scope for initiative and ability in a growing company. Full particulars and salary required to Cunninghams, 187 Worpole Road, Raynes Park, S.W.20.

**LADY** pharmacist required as manageress for a good-class West End pharmacy, mainly counter work, congenial post. Also part-time lady pharmacist required. Apply, Superintendent Chemist, Heppells (1932), Ltd., 70 Vauxhall Bridge Road, London, S.W.1. Phone Victoria 2204.

**LONDON** chemist, City business. Assistant required, male or female. Experience preferred, not absolutely necessary. An opportunity to learn trade; good prospects, hours and salary. Apply, Marsdens, Chemists, 79 Tottenham Court Road, London, W.1. Mus. 2026.

**LONDON, W.1**. Qualified assistant required lady or gentleman with dispensing and counter experience. Congenial post and good working conditions. Please apply, stating full particulars with regard to experience and salary required, to Marsdens, Ltd., 123 Baker Street, W.1.

**LONDON** Co-operative Chemists Ltd., have vacancies for pharmacist branch managers in the following areas: Ealing, Ilford, Barking, Wembley and North London. New wage agreements now in operation. The positions offer scope, security of tenure and participation in the superannuation scheme. Accommodation in one instance can be offered in the Burnt Oak area. Application in first instance to Superintendent Chemist, 54 Maryland Street, Stratford, E.15.

**MANAGER** to take charge branch North London. Progressive post. Living accommodation not available. Apply with full particulars to Box A, 1/45, C. & D. Office.

**OLDHAM**. Pharmacist branch manager required for middle-class pharmacy. Excellent opportunity for keen worker. Progressive salary. Apply, giving experience, etc., to Braddock & Bagshaw, Ltd., 37/39 Yorkshire Street, Oldham.

**ORRIDGE & COMPANY**, Employment Agency, Columbia House, Aldwych, W.C.2. Chancery 6446-7. Branches at Southampton and Birmingham. Enquiries invited from Pharmacists and unqualified persons requiring situations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to Columbia House in first instance.

**PLYMOUTH** Co-operative Society Ltd. requires pharmacist. Early prospect of branch management. Permanent and progressive. Superannuation scheme (transfer clause). Apply General Secretary, 50 Thorn Park, Plymouth, stating particulars of age and experience.

**QUALIFIED** chemist lady or gent. No Sunday duty. Suitable applicant wishing to do so could purchase a financial interest or acquire same without capital. E. Fisher's, Ltd., Melton Mowbray.

**QUALIFIED** man, aged about 35, preferably with optical qualification, required for good-class business in pleasant residential district of N.W. London. Permanent post for good man, competent to take charge when necessary. No Sunday or half-day duty. Salary £600. Full particulars in first letter. 1/74, C. & D. Office.

**QUALIFIED** manager required for good-class family dispensing business in residential area of Wimbledon, Surrey. Permanent appointment; no living accommodation. Good salary. Write 1/26, C. & D. Office.

**QUICK** and accurate dispenser, with counter experience, wanted, whole or part-time. 18-30 August and 15-27 September, both dates inclusive, for busy family pharmacy. Boyes, 61, Balham Hill, S.W.12.

**SOUTHPORT.** Qualified and unqualified assistant, either sex, required mainly for dispensing duties in busy up-to-date pharmacy with other staff. The post offers scope for enlarging one's experience and is permanent; with good working conditions. Please apply in writing, stating experience, salary required and other usual details to J. R. Cave (1922), Ltd., 52 Nevill Street, Southport.

**SOUTH KENSINGTON.** Qualified assistant. Permanency. Very congenial post. Good wages. Every consideration given. High-class pharmacy. Write or phone, Harvey & Co., 37 Old Brompton Road, S.W.7. Ken. 8788.

**SUPERINTENDENT** chemist requires qualified first assistant to supervise central pharmacy, warehouse, packing department, etc. 44-hours week, superannuation scheme and good salary offered. Apply to Peterborough Co-operative Chemists, Ltd., Park Road, Peterborough.

**THE Royal Arsenal Co-operative Chemists, Ltd.,** required pharmacists for their branches in South-east and South-west London. Permanent positions with opportunity for progress. Superannuation and special bonus schemes in operation. Apply in writing stating age, experience and salary required to the Staff Manager, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

**THE Royal Arsenal Co-operative Chemists, Ltd.,** require unqualified assistants. Permanent positions. Superannuation scheme in operation. Apply in writing, stating age, experience and salary required to the Staff Manager, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

**UNQUALIFIED** assistants, male or female. Permanent or during vacation. Central London. Apply B, 1/46, C. & D. Office.

**UNQUALIFIED** assistant required with good West End experience, mainly for counter work and window dressing. Apply The Manager, Frizell & Co., Theatrical and Foreign Chemists, Leicester Square, London, W.C.2. Phone Gerrard 2945.

**UNQUALIFIED** dispenser, assistant to head dispenser required immediately. Previous experience essential. Please send full particulars in first letter. Hickman & Metcalf, Ltd., Market Place, Newbury.

**UNQUALIFIED** assistant, male or female, West End London, chiefly for dispensing and assistant to counter. No Sunday or Bank Holiday duty. Full particulars and salary expected. Apply 1/120, C. & D. Office.

**UNQUALIFIED** assistant required (duties mainly counter and display) for suburban pharmacy, five minutes' Thornton Heath Station. Apply with full particulars to S. A. Waters, Wilkes, Chemist, 105 Parchmore Road, Thornton Heath, Surrey. Livingstone 4978.

**VACANCY** for a qualified assistant in a busy dispensing business. Only keen, active person required. Martin, Chemist, Cardiff.

**WANTED.** Manager, for branch pharmacy, male or female. Good prospects for suitable applicant. Superannuation scheme in operation. Applications, stating age, experience, etc., to The Secretary, Heckmondwike & District Co-operative Society, Ltd., 3 Oak Street, Heckmondwike.

**WANTED.** Qualified assistant, lady or gentleman for central pharmacy. Good prospects and permanency for suitable applicant. Superannuation scheme in operation. Scale rate of wages paid. Full particulars, giving age and experience, to The Secretary, Heckmondwike & District Co-operative Society, Ltd., 3 Oak Street, Heckmondwike.

**WEST HARTLEPOOL.** Pharmacist, capable of taking charge of a branch, required. Suitably qualified person. Exceptional opportunity for experience in busy good-class store pharmacy. Salary £7 18s. (including war bonuses). Particulars to Hartlepool Co-operative Chemists, Ltd., West Hartlepool.

## LOCUMS WANTED

**ASSISTANT** wanted, unqualified, season July to September, about 3 months. State experience, reference, height and salary; send snap photograph if available. Frank Purcell, 97 Strand Street, Douglas, I.O.M.

**BRIGHTON.** A qualified locum for any 2 weeks in September. Smithsons, Preston Circus, Brighton.

**LARGE** departmental store requires experienced chemist to act as locum for a fortnight, commencing 23rd June. Further particulars to 1/103, C. & D. Office.

**LOCUM**, qualified, required from June 21st until suitable permanent assistant is found. South Kensington, London. Tel. Ken. 8788, or write Harvey & Co., 37 Old Brompton Road, S.W.7.

**NEALE & JENKINS, LTD.,** 247 Oldfield Lane, Greenford, Middlesex, urgently require the services of a qualified pharmacist as locum for the six weeks commencing June 23rd (or any part of that period). Please write or telephone Mr. J. T. Williams, at above. Telephone No. WAXlow 2730.

**PHARMACIST** required for two weeks commencing July 28th next. City pharmacy. Five staff, light dispensing. No Sundays or half-day duties. Accommodation for man. Perry & Surman, Ltd., The Bank Pharmacy, Hertford St., Coventry.

**QUALIFIED** locum required, 16th June to 28th June. West End London. Apply Box 1/91, C. & D. Office.

**THE** Sheerness & District Economical Co-operative Society, Ltd., invite applications for the position of locum for its pharmacy department, for the months of July and August. Applications in writing, stating terms, experience, qualifications, etc., to Managing Secretary, 100 High Street, Sheerness, Kent.

## WHOLESALE

**A YOUNG**, energetic works chemist, not necessarily qualified, required to take charge of production for small progressive manufacturers (Reading district). Knowledge of cosmetic formulation and perfume compounding essential. Commencing salary £300/400 p.a. Directorship available after trial period. 1/87, C. & D. Office.

**ASSISTANT** chemist required for production control and research on pharmaceuticals. Applicants should hold the B.Pharm. or equivalent qualifications. Previous experience in the assay of vitamin products by physical methods an advantage. Applications, giving details of qualifications and previous experience, etc., to the General Manager, Gelatin Products, Ltd., Trading Estate, Slough, Bucks.

**ACTIVE** young man required as representative to call on chemists in the Home Counties for premier distributing house for medicinal preparations, toilet goods, surgical dressings, etc. Reply giving full details in confidence of previous experience, if any, together with age, whether car owner, salary required, to Sales Manager, Fassett & Son, Ltd., 86 Clerkenwell Road, London, E.C.1.

**ASSISTANT** required for routine analysis of pharmaceuticals in the analytical laboratory of C. R. K. Stagg & Morgan, Ltd., Emmott Street, London, E.1. Apply stating experience and wages required.

**COSMETICIAN**, must have sound knowledge and experience, required for Park Lane establishment. Phone, Mr. Paul, Pad. 0892 before 10.30 every morning.

**CHEMICAL** mixed and processor wanted for cosmetic manufacturers. Old established house. Salary. 1/47, C. & D. Office.

**CHEMICAL** merchants, old established, East-cheap, require young clerk preferably with good knowledge buying, selling and office routine. Good prospects. Write stating age, experience, salary to Box K.B.P., 174/869, C. & D. Office.

**EVANS MEDICAL SUPPLIES, LTD.**, require an assistant analyst of Ph.C. or A.R.I.C. standard. Salary according to qualifications and experience. Apply to Production Director, Evans Medical Supplies, Ltd., Speke, Liverpool, 19.

**EXECUTIVE** requires secretary, Horsham (Sussex) district, applicant must be able to fill position diplomatically and tactfully. Good salary and prospects. Apply in writing to 1/116, C. & D. Office.

**EXPERIENCED** sales representative required to sell toilet preparations in Lancs. Write 1/101, C. & D. Office.

**EXPERIENCED** representative required having good connections with chemists, hairdressers to supply well-known hair preparations in N.W., W., and Central London. Give full details and how handled. Good commission. 1/100, C. & D. Office.

**FACTORY** manager required by manufacturers, chemists' sundries, Midlands. Substantial salary bonus for man 30-40 of proved managerial ability. Knowledge rubber desirable, but not essential. Full details in confidence. 1/61, C. & D. Office.

**MALE** ledger clerks and telephonist required by an old established firm of distributing chemists situated in N.1 district. Applicants please write, giving age, some details of past experience and salary required. Alternate Saturdays off. 1/10, C. & D. Office.

**GENERAL** manager, manufacturers chemists' sundries, requires personal assistant, male, 25-30, interesting progressive post for young man, preferably having previous manufacturing and commercial experience, who aspires to eventual senior executive position. Write, giving full details in confidence. 1/16, C. & D. Office.

**GOOD** agents and travellers required by manufacturing chemists for several lines saleable to chemist, drug and grocery trades. Good commission and prospects. 176/953, C. & D. Office.

**LABORATORY** worker required, used to tinctures and galenicals in general. 5-day week. Union of pay. Southall Bros., and Barclay (1935), Alum Rock, Birmingham.

**LEADING** company of distributors marketing nationally advertised pharmaceutical products, toilet preparations, etc., invite application for the appointment of assistant sales manager. Experience in sales promotional work, possessing initiative with knowledge of wholesale and retail trade is desirable. Apply in first instance, giving age and full details of experience in strictest confidence, to 1/113, C. & D. Office.

**LONDON** speciality manufacturers have vacancies for commission agents in the following territories: Scotland, Eastern Counties, Home Counties, Kent, Surrey and Sussex. Reply to Box No. 190, Tudor House, 24 Tudor Street, E.C.4.

**LONDON** wholesale firm cosmetic distributors require first-class representative. Must have live connection with stores, high-class hairdressers, and chemists. Applicant will also be required to open up demonstrations, and control same. First-class demonstrators are available. Knowledge of the export market an advantage. This job offers excellent prospects for the right person. Apply in first instance to 1/63, C. & D. Office.

**MALE** assistant required for order assembly, some packing and stock control in the Glasgow depot of firm of manufacturers of ethical specialties. Would suit unqualified man with retail experience. Permanent position for suitable applicant, age under 40. Interview Glasgow. Write, stating experience and salary required. 1/98, C. & D. Office.

**MANUFACTURERS** of an exceptionally attractive range of specialties have vacancies for 4 representatives. (1) Wales and Herefordshire. (2) Northern Ireland. (3) Western Counties, including Hants and Gloucester. (4) Durham, Northumberland, Cumberland, Westmorland. Applicants, preferably under 40, must have thoroughly established connections with retail and wholesale chemists, stores and co-ops., and able to produce first-class references of character and ability. Reply in first instance, giving fullest particulars, if car owner, and method of remuneration preferred. 1/119, C. & D. Office.

**MANUFACTURERS** of an exceptionally attractive range of specialties have vacancies for 3 representatives. (1) Wales and Herefordshire. (2) Northern Ireland. (3) Western Counties, including Hants and Gloucester. Sole agency to right men considered. Applicants, preferably under 40, must have thoroughly established connections with retail and wholesale chemists, stores and co-ops., and able to produce first-class references of character and ability. Reply in first instance, giving fullest particulars, if car owner, and method of remuneration preferred. 1/71, C. & D. Office.

**MANUFACTURING** chemists, N.W. London, require the services of an energetic and experienced pill maker, capable of taking control. Write, giving details of age, experience and salary required. 1/69, C. & D. Office.

**MANUFACTURING** chemists require first-class representatives in the Manchester district. Essential qualifications, first-class live energetic man capable of large turnover, with established connections, chemists, hairdressers, grocers, ironmongers, etc. Own car essential, salary, car allowance, expenses and commission. Send full details, experience, age, etc., with first letter. Write, 1/70, C. & D. Office.

**MANUFACTURING** chemists in North London require woman pharmacist as second assistant in the dispensing and light manufacturing department. Salary according to age and experience. Write Box 552, Dorland, 18 Regent Street, S.W.1.

**NORTH** of England manufacturing chemists require first-class representative to cover the Essex area. Age not exceeding 40 years. Must have had previous experience of selling to chemists and grocers, wholesale and retail trade. Important position. Good remuneration. Car owner preferred. Full details in first instance to 1/95, C. & D. Office.

**PHARMACEUTICAL** chemist required for Midlands. Capable of producing own lines. Must have buying contacts and full knowledge of pharmacy art. Give details of salary required, past experience, etc. 1/53, C. & D. Office.

**PROMINENT** London firm of manufacturing and marketing wide range of pharmaceutical products, toilet preparations, etc., have a vacancy at their factory for an assistant pharmacist to supervise manufacturing. Apply, giving full particulars, age, experience, indicating salary required, to 1/88, C. & D. Office.

**REPRESENTATIVE** required for Greater London by leading manufacturer of toilet brushes. Salary, commission and expenses. Car owner essential. Write, giving full particulars of experience and salary required, in confidence to 1/99, C. & D. Office.

**REPRESENTATIVES.** Energetic young men of good appearance and outstanding personality required by nationally known house to handle exclusive range of pharmaceutical and beauty preparations in London and the provinces. Contacts will be with highest class trade, departmental stores, etc. Men wanted are the adaptable ex-officer type, ambitious for permanent and progressive positions. The selling scheme portends long service. Previous experience secondary to character and personality. Remuneration by salary, expenses and car allowance. Full details must accompany first application and must give concise school, war and commercial experience. Apply 1/114, C. & D. Office.

**REPRESENTATIVES** wanted by well-known wholesale and manufacturing house to cover (a) The Tyneside area; (b) North Yorkshire and South Durham. Qualified men preferred, but applicants with sound trade knowledge and under 30 years old will be considered. 1/83, C. & D. Office.

**REPRESENTATIVE** wanted by old-established toilet manufacturers. Wholesale chemists' and hairdressers' sundries. Young man. Must have good selling records. Car owner. London area to be covered. Sole representation only. 1/109, C. & D. Office.

**REPRESENTATIVES**, whole or part time, required over many parts of the country by manufacturers and distributors of high-class toilet, cosmetic, perfumery and sundry lines, who are also sole distributors for high-class French cosmetics and perfumery. 1/107, C. & D. Office.

**REPRESENTATIVE** for Scotland, calling on chemists. Established lines. Good commission. Apply 1/54, C. & D. Office.

**REPRESENTATIVE** for Midlands, Potteries, S. Wales, calling on chemists. Established lines. Good commission. Apply 1/55, C. & D. Office.

**REPRESENTATIVE** required by Hirst, Brooke & Hirst, Ltd., for South Yorkshire area. Applicants must be pharmacists with experience preferred. Apply to Managing Director, Sheepscar Works, Leeds, 7.

**REPRESENTATIVES** required on commission basis throughout Great Britain with live connections with the wholesale and retail grocers, stores and chemists for sound repeating household products. Only salesmen accustomed to large turnover need apply. Reply to Slip, 95 Victoria Street, St. Albans, Herts.

**SUPERVISOR** of packed goods department required by manufacturing chemists, W. London area. Wide experience tablets and ointments essential. Able control labour and materials. Good wages and prospects. Write Box 649, Smiths', 100 Fleet Street, E.C.4.

**THE British Drug Houses, Ltd.**, require a pharmacy and/or chemist to act as assistant to stores manager. Age 27-35. Please reply, stating qualifications and experience to Personnel Manager, Graham Street, N.1.

**TABLET** maker; young or learner to understudy foreman. Apply, stating experience and wages required. Thos. Guest & Co., Ltd., Manufacturing Chemists, Carruthers Street, Ancoats, Manchester.

**TRAVELLER** calling on chemists in West of England and South Wales will be paid good commission on orders for packed pills and tablets, by well-known firm with big connection in that district. State whom at present representing and exact ground covered. F. C. 1/59, C. & D. Office.

**UNQUALIFIED** chemist (lady) required to supervise manufacture and packaging of medical preparations. King's Cross district. Write, giving particulars of age, experience, training and salary required. 1/57, C. & D. Office.

**WALES.** Representative required calling on chemists and hairdressers to carry samples of perfume compounds as a side line. Good commission. Only those with first-class connections would be considered. Apply 1/58, C. & D. Office.

**WANTED**, chemist or experienced person for manufacture of spirit frictions, perfumed for the hairdressing trade. Good remuneration for right person. Part time or evenings might suit. Please write in strict confidence to 1/92, C. & D. Office.

**WELL** known manufacturers in London opening adhesive plaster department require energetic experienced manager with complete knowledge of making zinc oxide plasters including felt spreading. Must be capable of engaging and directing staff and generally managing plant. Good salary and bonus with excellent future. Write giving particulars of experience to 176/941, C. & D. Office.

**WHOLESALE** representatives wanted to establish connections to call on hairdressers, chemists and stores. Write or phone, Turnmill warehouse, 67 Mile End Road, E.1. Stepney Green 2454/5.

**WHOLESALE** representatives required by firm of manufacturing chemists to call on retail and wholesale chemists in (1) Warwickshire, Worcestershire, Leicestershire and South Staffordshire. (2) Lincolnshire, Rutland, Derbyshire and Nottinghamshire, with range of new proprietary C.F. products. Remuneration by salary, commission and expenses. Only applicants possessing live established connections on these territories will be considered. Applications should give full details of past experience, if car owner, and approximate number of accounts. 175/910, C. & D. Office.

## WHOLESALE (OVERSEAS)

**PLANT** chemists urgently required for process plant operations by large company operating in the Middle East. Applicants need not be graduates but should have had a chemical training up to Inter B.Sc. or National Certificate Standard with experience of shift work in either a gas, coke oven or chemical works. Age not over 30. Salary in sterling between £540 and £600 per annum plus generous allowances in local currency, with free furnished bachelor accommodation, passages out and home, medical attention, also kit allowance and provident fund benefits. Apply stating age, qualifications and experience, etc., to Dept. F.22, 162/461, C. & D. Office.

**STRAITS SETTLEMENTS:** An unmarried, qualified assistant is required by a well-known firm of wholesale and retail chemists in Singapore. The contract will be for four years and passage will be paid out and home. There will be a basic salary, plus a cost-of-living allowance. Six months' leave with pay will be allowed at the expiration of a satisfactory 4-year contract. Administrative experience will be an advantage. This is an exceptional opportunity for a good man. Apply with usual particulars to 1/89, C. & D. Office.

## SITUATIONS WANTED

6 for 18 words or less, 1d. for every additional word

### RETAIL (HOME)

**EXPERIENCED** lady dispenser, Hall qualification, requires part-time post in S.W. area. Tel. RIC 2989. 1/104, C. & D. Office.

**NORTHERN IRELAND** managership required, qualified, married, extensive experience, with veterinary and seaside type of pharmacy. Reliable and energetic. Owing to present emergency, accommodation must be available. Would wait for suitable situation. 1/73, C. & D. Office.

**SCOTLAND.** Qualified, ex-Serviceman, 32, desires managership, private business or Co-op. drug department. Keen and energetic. Wide experience of pharmacy, agricultural, seaside, good-class dispensing businesses. Accommodation essential. Available at normal notice. 1/72, C. & D. Office.

**YOUNG** lady holding Apothecaries' Hall certificate requires permanent hospital appointment. Experienced. Midlands preferred. 1/84, C. & D. Office.

### WHOLESALE

**COSMETIC** chemist, long experience manufacturing first-class preparations on modern formulas. Also new lines (no quota) wants situation. 1/96, C. & D. Office.

**LIVE** representative, 18 years' sales experience, seeks additional lines or would consider full-time employment. Area covered, Surrey, Sussex, Hants, Wilts, Berks, Oxon, Bucks, Herts, Middlesex. 1/90, C. & D. Office.

**MEDICAL** representative, Ph.C., own car, experienced English and American methods. Excellent Irish medical, dental, veterinary, pharmaceutical contacts, desires senior post. Present salary £500. Apply, 1/62, C. & D. Office.

**Ph.C. (32)**, at present engaged in manufacturing, desires progressive position preferably entailing some analytical work with manufacturing chemists. London area. 1/82, C. & D. Office.

**PHARMACIST**, 31, eleven years' manufacturing and wholesale experience, desires position with pharmaceutical house. London area preferred. 1/81, C. & D. Office.

**PHARMACIST (32)**, with works experience, requires responsible position with London manufacturer. Present position analytical, but wider scope needed. 1/75, C. & D. Office.

**QUALIFIED** sales manager, first-class experience, successful record and wide contacts, seeks responsible post with good prospects. 1/110, C. & D. Office.

**REPRESENTATIVE** resident E. Yorks, calling chemists' stores, hairdressers N. & E. Yorks, Northumberland, Durham and N. Lincs, requires post with well-known house. Sound connection interview preferred. Only salary, commission, expenses posts entertained. Write fully, 1/44, C. & D. Office.

**SALES** representative for Yorkshire (ex Beecham's Trust); well-known to all wholesale and retail chemists and department stores throughout the whole county is now considering acting on own account as ree-lance representative, and would welcome proposals from manufacturing firms desiring capable and thoroughly genuine representation on this territory. Terms: part expenses and commission. Own car. 1/93, C. & D. Office.

**REPRESENTATIVE**, own car, very strong connection in South Wales, South West England, with chemists. multiple stores, co-operative societies, etc., wishes to contact good class firm on salary, commission and expenses basis. 175/919, C. & D. Office.

**YOUNG**, energetic executive, 31 years, (M.S.M.A., A.M.I.Ex.) at present sales manager for first-class house with excellent record in marketing through pharmaceutical, surgical and allied trades, seeks alternative appointment offering scope for initiative and responsibility as well as prospects for advancement. Satisfactory reasons for desiring change. Good knowledge of modern business methods (including accountancy) and would consider management of small business or position as sales or assistant sales manager to large concern. BM/MHH, London, W.C.1.

## APPOINTMENTS

### BRADFORD ROYAL INFIRMARY

(495 Beds.)

Applications are invited for the post of DEPUTY CHIEF PHARMACIST.

Manufacturing experience an advantage. J.N.C. Scale of Salaries, commencing £425 per annum.

Applications giving full particulars and stating names of three referees should be sent immediately to the House Governor and Secretary.

### BRISTOL ROYAL HOSPITAL

Purchase Clerk required (male or female). Able to undertake purchasing under supervision of Chief Pharmacist. Knowledge of stores accounting. Must be experienced in wholesale drugs, sundries, and surgical instruments. Commencing salary not less than £320 p.a. with rapid advancement for satisfactory service. Membership of superannuation scheme. Applications in writing, to Chief Pharmacist, Royal Infirmary Branch, Bristol, 2 not later than June 28th, 1947.

### CHEDDLETON MENTAL HOSPITAL Nr. LEEK, STAFFS

DISPENSER required with Apothecaries' Hall Certificate; resident or non-resident. Salary in accordance with Recommendations of Joint Negotiating Committee (Hospital Staffs). Appointment subject to provisions of Asylums Officers' Superannuation Act. Applications to the Medical Superintendent.

### EAST HAM MEMORIAL HOSPITAL

Shrewsbury Road, E.7.

ASSISTANT, HALL CERTIFICATE, required immediately for one week. Salary according to Scale. Meals if required. Apply as soon as possible to the Secretary-Superintendent.

LOCUM ASSISTANT PHARMACIST, Central Middlesex County Hospital, Park Royal, N.W.10, required immediately by Middlesex County Council for holiday relief duty for several months. Salary according to experience, up to £8 13s. p.w. inclusive. Apply as soon as possible to Medical Director. (B.916)

### HERTFORDSHIRE COUNTY COUNCIL WELLHOUSE HOSPITAL, BARNET

600 BEDS

Assistant Pharmacist required, M.P.S., or Apothecaries' Hall. Apply in writing with qualifications, copies of testimonials and details of experience to Medical Superintendent.

## GRIMSBY AND DISTRICT GENERAL HOSPITAL

Holiday Locum Dispenser required, August 27th to September 13. Non-resident. National Joint Negotiating Committee's Scale. Applications to the Secretary.

## HERIOT WATT COLLEGE, EDINBURGH

### PHARMACY DEPARTMENT

Applications are invited from British subjects for appointment as Head of the Pharmacy Department. Candidates should hold an Honours Degree or its equivalent, pharmaceutical qualifications and have previous teaching experience. Salary scale £700—25—£900. The successful candidate may be placed on the scale according to his qualifications and experience. Further particulars may be obtained from the Principal to whom applications must be submitted not later than 30th June, 1947.

J. CAMERON SMAIL,  
Principal.

## HILL-END HOSPITAL,

### ST. ALBANS

Required immediately, assistant Pharmacists or dispensing assistants. Salary for Pharmacists £370 to £450 per annum and for assistants in dispensing £270 to £350 per annum, inclusive of cost-of-living bonus. Apply, stating age, qualifications and particulars of experience to Medical Director.

PHARMACIST (HOLIDAY RELIEF) wanted at the Essex County Council Hospital, Broomfield, near Chelmsford, from 25th August to 6th September, next, inclusive. Inclusive salary in accordance with the scale applicable to post of Assistant Pharmacist as recommended by the Joint Negotiating Committee (Hospital Staffs) at a rate between £385 and £450 a year according to experience. Applications should be made to the Medical Superintendent as soon as possible.

## MIDDLESEX COUNTY COUNCIL

TWO ASSISTANT PHARMACISTS, Redhill County Hospital, Edgware, Middlesex, registered pharmacists essential. Salary £370 by five increments to £450 p.a. inclusive. Previous experience as assistant pharmacist may be considered in determining commencing salary. Whole-time established, pensionable, subject to medical examination. Application stating age, qualifications, experience, with copies of up to three recent testimonials, to Medical Director immediately. No forms.

C. W. RADCLIFFE,  
Clerk of the County Council.

Middlesex Guildhall,  
S.W.1. (B.905)

PHARMACIST (HOLIDAY RELIEF) wanted at the Essex County Council Hospital, Wanstead, London, E.11, from 1st to 20th September next inclusive. Inclusive salary will be paid at the rate of £8 8s. a week. Applications should be made to the Medical Superintendent as soon as possible.

## VICTORIA MEMORIAL JEWISH HOSPITAL

### MANCHESTER, 8.

LOCUM. Pharmacist required from June 20 to July 11, inclusive, and from August 4 to August 15. Salary £8 8s. weekly. Apply Chief Pharmacist.

## ROMFORD JOINT HOSPITAL BOARD RUSH GREEN EMERGENCY HOSPITAL, ROMFORD

### APPOINTMENT OF PHARMACIST

Applications are invited for the post of whole-time PHARMACIST, male or female, at the above Hospital. Salary at the rate of £420 per annum, rising by 5 annual increments of £15 to a maximum of £495 per annum. In the case of women applicants, resident accommodation, for which a charge will be made, can be provided.

The appointment is subject to one month's notice on either side and to the provisions of the Local Government Superannuation Act, 1937. Applications, stating name, age, nationality, qualifications and experience, together with copies of two testimonials, to be sent to the undersigned.

ERNEST E. TAYLOR,  
Clerk of the Board.

Clerk's Office,  
Rush Green Hospital,  
Romford.

## SURREY COUNTY COUNCIL

ASSISTANT PHARMACIST required at:—  
EPSOM COUNTY HOSPITAL, Dorking Road, Epsom.

Commencing salary on grade £370 x £15—£430 x £20—£450 p.a. inclusive. Applications in writing stating age, qualifications and experience with a copy of not more than three recent testimonials should be sent to the medical Superintendent should be sent to the Medical Superintendent of the Hospital.

## AGENCIES

12/6 for 36 words or less, 3d. for every additional word

**E**XECUTIVE of well-known distributing and manufacturing company will be leaving England for Australia early January 1948, he is prepared to be of assistance to any other company or executive. Write, 1/117, C. & D. Office.

**I**f you manufacture products that sell and repeat and are desirous of obtaining maximum distribution by sound salesmanship throughout London (North of Thames), Middlesex, Essex and Eastern Counties, please forward particulars. Commission basis. Own car. 1/94, C. & D. Office.

**I**NDIA. Well established importers-exporters and stockists desire sole representation of British houses manufacturing fine chemicals, pharmaceutical products, proprietaries, cosmetics, etc. Good coverage and excellent references. Correspondence invited. Universal Agencies, Importers-Exporters, 11 Malavaperumal Street, Madras 1.

**I**NDIA & BURMA. Englishman, well-introduced to the trade with sound experience and first-class connections, seeks agencies on commission and expenses, or represent reputable firm. Only first-class houses need apply. Toilet sundries, cosmetics, surgical appliances, rubber goods, etc. 1/97, C. & D. Office.

**N**ORTHERN Ireland manufacturing and wholesale chemists willing to undertake distribution of pharmaceutical products in Northern Ireland. Staff and accommodation available to ensure first-class service. A genuine opportunity to solve your distribution problems in Northern Ireland. 1/105, C. & D. Office.

**P**ERFUMES, perfume bases, beautifying products. Paris house desires live agent for marketing exclusive lines. Enormous possibilities. Write, Ryman, Le Chateau Frontenac, 54 Rue Pierre Charan, Paris, 8e.

**R**EPRESENTATIVE with live connection among Midland counties chemists is open to accept suitable agencies for firms of repute. 1/56, C. & D. Office.

**S**URGICAL rubber goods. Agents and travellers required to sell either on own account or on commission, well-known branded surgical rubber goods. Regular repeat orders can be obtained from hairdressers, chemists and general stores. Easily carried. Samples and details of prices and terms sent only to bona fide applicants enclosing postal order 5s. Write now to 1/30, C. & D. Office.

**T**RAVELLER to carry interesting lines on commission for chemists in Greater London and Southern Counties. Write G. E. Betterton & Co., Ltd., 100 Great Russell Street, London, W.C.1.

**T**RAVELLERS calling retail chemists to carry sure seller, 20% commission. 1/6, C. & D. Office.

**W**ELL-KNOWN distributing house to chemists, stores, etc., with U.K. coverage is open to consider 2 additional branded products offering wide sales possibilities for sole distribution. Replies in confidence, to 1/76, C. & D. Office.

## BUSINESS OPPORTUNITIES

12/6 for 36 words or less, 3d. for every additional word

**A** GROUP of research chemists have successfully completed experiments with a revolutionary product to supersede soap and now seek an organisation with manufacturing facilities to undertake production. Distribution optional. Principals only write, 1/80, C. & D. Office.

**A**DVERTISER invites enquiries from British and American firms contemplating manufacturing and distributing in Eire. He is prepared to procure building sites for premises or to purchase suitable premises; initiate business and act as managing director, or director and general manager; wide experience of the pharmaceutical and chemical trade and of business generally. Graduate in Science and Commerce, Barrister-at-law, qualified accountant and secretary. Competent to deal with all problems of currencies, import and export requirements, and Governmental Departments. Extensive connections in Eire. Ex-British officer decorated and despatches. Salary required £800 to £1,000. Lesser offers not considered. Reputable firms only need apply. 1/52, C. & D. Office.

**L**ARGE firm of manufacturing chemists having capacity for the manufacture of 50,000,000 saccharin tablets per week would be interested in doing so for any company, provided raw material is supplied. The advertisers also have facilities for the manufacture of any type of tablet from our own material. Prompt deliveries. Write, 1/118, C. & D. Office.

**N**EW career. If you are a person of enterprise, personality and ability, with capital, and desire to have an independent future. The Scholl Mfg. Co., Ltd. (Dr. Scholl's Foot Comfort Service) will train you and give you every assistance in owning a dignified and remunerative business; where your investment will be secure. Applications invited from men and women. Write with particulars of age, experience, etc., The Secretary, New Career Scheme, Dept. C.D., London, E.C.1.

**S**MALL Anglo-Belgian firm holding exclusive Continental rights well-known British pharmaceutical products requires additional capital. About £5,000. Excellent opportunity. 50 per cent. participation. 1/108, C. & D. Office.

**T**OILETS quota (large or small) will be purchased by advertiser. Please state amount for sale and price for outright purchase. 176/942, C. & D. Office.

**T**ONIC wine. Advertiser can influence supplies of Empire wine and is willing to invest capital in established tonic wine business desirous of expanding. Would consider starting a new business with somebody who has a first class knowledge of the trade and who is preferably, but not essentially, willing to put up some capital. Write full details in confidence to Box B.658, Erwoods, Ltd., 211 Piccadilly, London, W.1.

## BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word

**R**EQUIRED to purchase surgical, drug and (or) hygienic stores, London or provinces, coastal towns. Write in confidence, 1/79, C. & D. Office.

**W**ANTED. Chemists' and/or druggists' business. Cash waiting. W., 52 St. Peter's Road, Earley, Berks.

## BUSINESSES FOR DISPOSAL

7/6 for 40 words or less 2d. for every additional word

**B**EST positioned, corner chemist and photographic shop in Blackpool. Old established, 18 years. Owner retiring. Extremely high profits are usual and with supervision unpredicted profits are possible. Price includes low stocks, fixtures and goodwill. Opportunity to acquire unique business. Apply corner promenade Chemist, opposite North Pier, Blackpool. Principals only 'phone 3456.

**B**OURNEMOUTH (Southbourne). Freehold business premises. Three shops and separate living accommodation for two families. Adjacent Woolworths in main shopping centre. Vacant possession living accommodation and two shops can be arranged. Space available for future extension into departmental store. £12,750 freehold. Immediate inspection advised. Apply, Sole Agents, Rumsey & Rumsey, 35 Southbourne Grove. Phone Southbourne 258.

**D**RUG store and herbal business for sale, Essex, 12 miles London. Estab. 20 years; great scope; splendid accommodation, very large garden, space garage. Price, including freehold £3,375. Stamped addressed envelope for reply. No agents. 1/60, C. & D. Office.

## WANTED

7/6 for 36 words or less, 2d. for every additional word

**A**BAG or two of triple pressed stearic acid required; also supplies of vanillin, glycerin, B.P., petroleum jelly white, B.P., and coumarin; prices and full details to 1/125, C. & D. Office.

**A**BIG price offered for home cines, cameras, or projectors. Bell-Howell, Kodak, G.B., etc. Also Leica, Contax and other precision cameras, enlargers, exposure meters, etc. Prompt cash. Wallace Heaton, Ltd., 126-7 New Bond Street, London, W.1.

**A**UTOMATIC cream filler wanted at once; big price paid. Shavex Co., Bavaria Road, Hol-loway, N.15.

**C**ARAMEL wanted. State quantity, packages and price to 1/124, C. & D. Office.

**C**HLORATE of soda for weed killer. Required, small or large quantity. Price to Nicoll, The Bridgnorth Pharmacy, Shropshire.

**GLYCERINE** wanted, any quantities taken of B.P. quality. Cash by return. State quantity available and price required to 157/296, C. & D. Office.

**LABELLING** machine. Automatic table model required. New or used. Write, 1/111, C. & D. Office.

**PHENOLPHTHALEIN**, phenacetin, caustic soda, soda ash, sodium bicarbonate, B.P. required in substantial quantities. Top market prices paid. 1/43, C. & D. Office.

**REQUIRED**, in first-class condition, manufacturing equipment for all toilet preparations for export. 1/78, C. & D. Office.

**SACCHARIN** envelopes, plain or printed, gummed flaps. Size approximately  $2\frac{1}{2}$ " square. 50,000 required, spot delivery. Please sample and quote immediately. Only interested in stock lines. 1/102, C. & D. Office.

**SACCHARIN** tablets. Pharmacist, proprietor of a good-class single pharmacy, would be glad to obtain regular supplies of standard strength saccharin tablets in bulk or packed. Write in strictest confidence to 166/605, C. & D. Office.

**STEARIC** acid wanted urgently. Any quantity or grade. Sample, price and quantity to S. Doctors, Ph.C., 109 Cricklewood Broadway, N.W.2. Gladstone 1084.

**STEARIC** acid triple pressed required in large quantities. 147/850, C. & D. Office.

**WANTED**. Approximately 600 gallons syrup of figs compound essence or B.P.C. 1/122, C. & D. Office.

**WANTED**, 2/3,000 gross Bakelite or metal caps with warls. Size  $2\frac{1}{2}$  m.m. inside diameter. If possible submit samples with prices, and state quantity for disposal. 1/67, C. & D. Office.

**WANTED**. 8-oz. bottles. 20-oz., 40-oz. and 80-oz. Winchester, CM or SN. 1/66, C. & D. Office.

$2\frac{1}{2}$  x  $2\frac{1}{2}$  Kristal glazed packets required up to 1 million or  $2\frac{1}{2}$  x  $1\frac{1}{2}$ . Cash waiting. W. James Davies (Western), Ltd., Maindy, Cardiff.

**26-OZ.** and 13-oz. wine or champagne bottles required. 625/524, C. & D. Office.

## MISCELLANEOUS SALES

12/6 for 36 words or less, 3d. for every additional word

### Available Stock :

**CELLULOSE SODIUM GLYCOCHOLATE**  
**METHYL CELLULOSE**  
**ASPIRIN**  
**AMYL SALICYLATE**  
**EPHEDRINE HYDROCHLORIDE**  
**PHENOBARBITONE**  
**PERFUMERY SYNTHETICS**  
**ANISALDHYDE**  
**BEEWAX**  
**LITHIUM CHLORIDE**  
**OIL OF LAVENDER (French)**  
**OIL OF LAVENDER (Spike)**

**JOHNSON & WARNES LTD.**  
30 BAKER STREET, LONDON, W.1  
WELbeck 2263

**A** VERY platform scales to 4-cwt., 20 gallon tin-lined, copper water jacketed, gas fired boiler, Roberts, Gardner hand-operated powder mixer and sifter, capacity about 28 lbs. 2-cwt. sack truck, 1 cwt. white beeswax, 1 cwt. sulphonated fatty alcohol powder. 1/106, C. & D. Office.

**BOTTLES**. 10 gross 8-oz. white flint, new screw mouth, 37/- gross. 10 gross 8-oz. ribbed, oval, new white flint screw mouth, 40/- gross. 4 gross 4 oz. screw mouth plastic caps, white flint, new, 38/- gross. Free delivery, London. 1/77, C. & D. Office.

**FLYPAPER** machinery. Manufacturer of flypaper machinery offers number of plants for sale. Plant consists of 3 hand-operated machines, complete with spreader. Enquiries to I. Ellis, 12 Egerton Road N., Heaton Chapel, Stockport.

**FOR** sale, 1 drum 40/45 gallons amber mineral oil, price £7 10s. 176/954, C. & D. Office.

**FOR** Sale. Manufacturing rights branded line insecticide, including containers, raw materials, blocks, labels and stock. Price, all at £750. 1/121, C. & D. Office.

**FOR** Sale. Modern 5-gallon capacity, 25-gallons per hour output. Homogeniser by Ormerod, in brand new condition with special tube for discharging into drums. Best offer over £100. 1/123, C. & D. Office.

**KODAK** Retina II, f2, with built-in rangefinder, two auxiliary lenses and colour filter, in excellent condition; also Western Electric exposure-meter and developing tank. All at £75. 1/115, C. & D. Office.

**LANGAPRESS** printing machine in good condition, suitable for overprinting chemist's own name, etc. May be inspected at 6 & 8 Cole Street, London, S.1.

**MAHOGANY** dispensing cabinet (modern) exhibition model by Ferris, Bristol. Folding side wings and cupboards. Fully stocked; bottles, fresh drugs, scales, urine analysis, plasters, splints, etc. Immaculate condition. Valued £250. Owner going abroad. Price with mahogany wrapper and label cabinet, £150. Seen London. Box 527, Strand House, London, W.C.2.

**MAHOGANY** showcase, 7 foot wide. Perfect condition; must sell owing to structural alterations, £30. Phone Tem 3102, or call, Harford, 35 Villiers Street, Charing Cross, W.C.2.

**QUICK** selling line for sale at wholesalers' rates.

**Q** prompt delivery, stamped addressed envelope for particulars. 1/5, C. & D. Office.

**SODIUM** percarb. pulv. approx. 3 cwt. for disposal. Fresh stock. Offers to Johnson Agencies (Props.), Ltd., 86 Clarendon Road, Croydon.

**STOKES** oscillating granulator, almost new, in very good condition, £175. Apply 1/86, C. & D. Office.

**SURPLUS** stock sodium hypochlorite 5% to 15% available bulk or carboys. 1/13, C. & D. Office.

**SURPLUS**. 40 gross powder, and 20 gross liquid soapless shampoos (approx. 1 oz. s/c bottles packed under licence, retail price 7½d. incl. tax 24/- gross plus tax. Also 60 lb. sulphonated lauryl alcohol powder; both parcels offered for quick sale £60, or would sell in small lots. 882 High Road N.12. Phone Hil 1492.

## PATENTS

**T**HE proprietors of Patent No. 574282, relating to compositions for destroying rats and mice ar desirous of entering into arrangements by way of licence and/or otherwise on reasonable terms for the purpose of exploiting same and ensuring its full development and practical working in this country. Communications to 1/112, C. & D. Office.

## PARTNERSHIPS

**WANTED**. Partner with capital to finance the marketing of medicinal formula. 1/85, C. & D. Office.

# CHEMIST<sup>THE</sup> AND DRUGGIST

ESTABLISHED 1859

or RETAILER—WHOLESALE—MANUFACTURER

Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.

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## A Decision to "Contract Out"

WITH only seven dissentient votes out of ninety-six delegates present, the Conference of Pharmaceutical Committees, held in London on May 28 (see *C. & D.*, June 7, pp. 660-62), gave its authority to the Joint Contractors' Committee of the National Pharmaceutical Union to negotiate the terms of contract for chemists under the National Health Service. In doing so, the Conference was acting in accordance with its own 1946 resolution "recognising the right of the organisations represented [on the Joint Committee on a National Pharmaceutical Service] to reserve liberty of action on any matter vitally affecting their interests."

It will be recalled that the Joint Committee was urged by the 1946 Conference of Pharmaceutical Committees to set up a smaller committee, to consist of "a substantial preponderance of contractors," to negotiate terms and contracts. The names of the committee were made known a few weeks later: Messrs. Armitage and Bennett, Dr. Davis, Messrs. Dobson, Gilmour, Henriksen, Howells, Heseltine, Melhuish, Shaw, Steinman and Tristram with the power to add two others—a committee not showing, in the view of the N.P.U. Executive, "a substantial preponderance of contractors." The point rankled with the N.P.U. and the secretary (Mr. G. A. Mallinson) remarked at this year's Conference that the N.P.U. had always felt that they were in a minority in the Joint Committee, and that it was thought efforts were being made to eliminate the National Pharmaceutical Union from

future control over the contractors' agreement. Considering that the N.P.U. was especially established twenty-six years ago with one of its principal objects the handling of the National Health Insurance contract, to surrender its prerogative in this matter would be an act akin to suicide. This the Pharmaceutical Committees, in whom the power resides to decide who shall negotiate terms, were not slow to appreciate, and they have given an overwhelming vote of confidence in the N.P.U. as negotiator of terms on their behalf. An end has now been put, once and for all, to much that was unreal in the outlook and actions of the Joint Committee. Weaknesses which were inherent from the start in the Joint Committee's curious composition and mode of establishment (to which we have many times drawn attention in the past, even while strongly supporting the principle of joint action) have thus come to a head, as sooner or later they were bound to do. Drastic surgical treatment has been applied, and it is perhaps not unduly optimistic to prophesy that a healthier condition will result from the elimination of a focus of suppuration.

Does the action of the Conference apply the guillotine to the Joint Committee itself? The manner in which the resolution received the assent of the Conference suggests that this was not the intention. It is worthy of note that the Conference decision was wisely embodied in an amended resolution in terms of co-operation with, rather than of "withdrawal of authority" from, the Joint Committee. The precise terms of the motion as approved were:—

"That the Joint Contractors Committee of the National Pharmaceutical Union, with full executive powers, be authorised to be the negotiating body for the terms of the contract, on the understanding that the Joint Contractors Committee will co-operate with the Joint Committee on all aspects of the National Health Service and will keep the Joint Committee informed of the progress of negotiations."

It is a most healthy sign for the future that the Conference, even while taking the strong line we have indicated, has continued to recognise the need for a Joint Committee of all pharmaceutical interests. The fact was probably strongly in the minds of delegates that the N.P.U. itself was

largely responsible for calling the Joint Committee into being in 1943. The Joint Committee still has many useful functions to perform, but the time is not far distant when its composition can be put on a satisfactory basis. Until now, any basis on which such a committee was set up is bound to have been, to some extent, arbitrary. When, however, the Pharmaceutical Committees are established under the new regime introduced by the National Health Service Act, they will provide the rational foundation for a new Committee, perhaps under a new title, which in effect will be the representative body on a national scale of the Pharmaceutical Committees acting locally. All interests concerned under the National Health Service will then be represented in proportion to their part in the Service, and no charge will lie against any member that he appears to be attempting to exercise power without responsibility. This, as we understand it, has been the substance of the N.P.U. grievance hitherto.

### News That is No News

It is to be noted with regret that the Council of the Pharmaceutical Society, which prior to the recently held election was showing a commendable readiness to allow the spotlight of publicity to illuminate its proceedings, has once more shown a tendency to lapse into the "flag-wagging"—and comfortable—obscurity of taking a large proportion of its proceedings *in camera*, as our reporter (see p. 690) has had occasion to point out.

Still more is it to be deplored that something of the same spirit appears to have infected the trading organisation of pharmacy: the National Pharmaceutical Union, from whose headquarters emanated the report of the proceedings of the Conference of Pharmaceutical Committees which we received in time to publish (but too late to comment upon) in last week's issue (pp. 660-62). Evidently some plain speaking and some hard hitting took place at the Conference, but who the speakers were and what they said are concealed under such statements as

"Delegates expressed their views."

"Many delegates expressed their views"

"Representatives expressed their views."

The camouflage would not matter so much, perhaps, if it did not tend to arouse suspicion that one side of the argument was being stressed in the report—a state of affairs dangerously easy to occur, as has been proved time and again in many spheres of human activity, if the Press is given a carefully "vetted" handout and not allowed to make its own report. It can hardly fail to cause comment that the secretary's remarks occupy approximately one-third of the published account of the Conference proceedings, but that the chairman of the Joint Committee was merely "called upon to place before the Conference the views of the Committee"—that and not a word more. The confidence of members of the N.P.U. in their organisation stands as high today as it has stood at any time in its history, but no good comes from silencing a minority, however small.

### Pilot Census of Distribution

THE Board of Trade is preparing to hold a pilot Census of Distribution in the early part of 1948 in respect of the year 1947. This pilot census will cover all retailers, wholesalers and service traders whose businesses are situated in Berkshire, Aberdeenshire, Merionethshire, Liverpool, Aldershot, Barnard Castle, Bootle, Bridgend, Chester, Chorley, Crook, Halifax, Jarrow, Kidderminster, Oxford, Rugby, Skegness, Skelmersdale, Stafford, Swansea, Taunton, Weymouth, High Wycombe, Galashiels, Oban, Bristol (wholesalers' activities only), Manchester (some merchant converters).

The forms for the pilot census will be sent to traders for completion in the early part of 1948. In these forms certain of the questions will ask for information in respect of the week June 15-21, 1947. In order that traders in the pilot areas may have no difficulty in giving the information for this week, the Board ask them to keep a record of the following details:

1. Numbers of full-time employees showing males and females, and those under 18 and over 18, separately, and numbers of part-time employees.
2. Total wages payable to each group, including commission, but before deduction of tax, etc.
3. Number of employees who normally earn over £10 a week, and the total paid to them for the week.
4. Number and type of delivery vehicles in use during the week and the number of staff employed on delivery.

The week ending June 21, 1947, has been chosen, it is stated, as being, on the whole, a reasonably typical week not too much affected by seasonal variations such as are caused by holidays and periods of abnormal spending. This pilot census applies only to traders in the selected areas. Its chief object is to help the Board to decide upon the most effective, practicable and economical methods of holding the first full census of distribution now planned to take place in 1950 in respect of the year 1949. This means, among other things, that the Board is trying to make the forms as simple as is consistent with getting the information required. The Board therefore on this occasion wants all the traders concerned to help it in this task, which will benefit traders and Government alike, by noting the information which will be required for this week in June and keeping it ready at hand till it is wanted for completing the forms which will be sent out early next year. This co-operation is asked for on a purely voluntary basis: the pilot census is not, as has been stated in one paper, statutorily enforceable. That condition will apply in 1950 to the full distribution census.

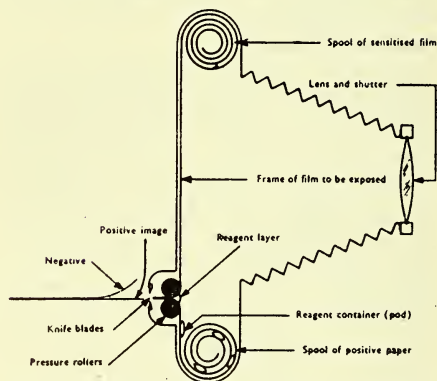
### Public Health Records

APART from the records of National Health Insurance, which gave data covering part of the population, and deal with illnesses covering incapacity for four days or more, there has been little in the way of definite information recorded in Britain on the prevalence of disease and incapacity resulting from it, other than of notifiable diseases, and illnesses proving fatal. The institution by the Ministry of Health of a continuous survey of these figures provides not only a timely step forward in medical statistics, but may also be used to give, as Sir Willson Jameson states, "basic information of great value in adjusting the Health Services to the needs of the community and in essaying the progress of our [the Ministry of Health's] work." The accuracy of the method of public sampling in assembling statistics on social subjects is widely recognised, and the procedure was, in fact, used by the Government to help it estimate the demand for hearing aids which are to be

made available under the National Health Service. It is noteworthy that the average number of sick consultations with a doctor per head of population per year corresponds fairly accurately with the Health Insurance statistics (which show an average issue of approximately  $4\frac{1}{2}$  prescriptions per insured person per year.) The reason why the Report is not being published through H.M. Stationery Office, we understand, is that the estimated demand is not great enough. Surely this is an undervaluation of the interest now being taken by the public in its own welfare.

### ONE-MINUTE PHOTOGRAPHS

A DIAGRAM of a newly-designed camera which will deliver a finished positive print in less than one minute after the exposure has been made (see *C. & D.*, April 5, p. 360) is shown below. The exposure is made in



the normal way and then the film, together with an appressed sheet of sensitised paper is pulled out of the camera between knife blades. To the sensitised paper, easily breakable "pods" containing viscous reagent solution are attached, and on being drawn through rollers, as shown, the pods are broken, and the reagent, which is released, spreads evenly between the film and paper. Certain components of the reagent solution develop the negative image on the film in the normal way, while others transfer the unexposed (and undeveloped) silver bromide to the sensitised paper, where it is converted into a positive image. The positive "print" may then be peeled from the film, and it emerges only slightly damp.

## PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held in London on June 3 and 4. The retiring president (MR. G. R. KNOX MAWER), who occupied the chair at the opening of the meeting, referred with regret to the sudden death the previous day of Dr. Richard Clitherow, "a wonderful worker whose untimely loss would be a great blow to pharmacy." He made reference to the death of Professor Noah Morris, B.Sc., M.D., Glasgow, a member of the board of examiners for Scotland. He also welcomed to the Council two new members, Miss Burr, whose work in Nottingham, he said, was well known, and Mr. Steinman, whose work in another field was also well known. Miss BURR, responding, said she represented the women pharmacists, and women were entering the profession in ever-increasing numbers; she was also proud to represent retail pharmacy, which had been the backbone of the Society.

### Election of Officers

MR. A. A. MELDRUM proposed the election of Mrs. J. K. Irvine as *President*, stating that he was making history in moving his resolution. MR. F. C. WILSON seconded; no pharmacist, he said, was held in higher respect. The motion was carried with acclamation, and Mr. Knox Mawer, in inducting Mrs. Irvine into the chair, said that for over one hundred years men alone had had the privilege of wearing the presidential badge of office, but he was certain that when her term of office came to an end she would have added lustre to it. She had the zeal and ability to carry out her important duties with efficiency, and he congratulated the Society on having a lady as its president. THE NEW PRESIDENT, who was greeted with applause, said she was very proud of the honour given to her, not only because it showed the confidence of the Council in her and because she was the first woman to occupy the position, but because the recognition of one's equals or betters in one's own craft was something of which one might be unashamedly proud. Thirty years ago less than 1 per cent. of members on the register of the Society were women; today women numbered more than 10 per cent.

Mr. H. C. Shaw was unanimously elected *Vice-president* on the motion of MR. W. J. TRISTRAM, seconded by Mr. C. W. MAPLETHORPE. Tributes were paid to Mr. Shaw's work as treasurer during the previous five

years. On the motion of MR. A. R. MELHUISH, seconded by MR. F. G. WELLS, Mr. W. S. Howells was unanimously elected *Treasurer*.

THE PRESIDENT, in moving a vote of thanks to her predecessor, which was carried with acclamation, paid tribute to his tact, wisdom and patience, which had done so much to promote harmony on the Council. She presented him with a replica of the president's badge. MR. KNOX MAWER suggested that the Council should express its sincere appreciation of the services rendered to pharmacy by Messrs. Moreton Parry and J. C. Young, who were no longer members of Council; tributes were paid to Mr. Moreton Parry by MR. J. F. McNEAL, and to Mr. J. C. Young by MR. T. REID.

### Report on Annual Meeting

A report of the annual general meeting of the Society, held on May 21, was received, and a resolution passed at that meeting: "That the Annual General Meeting should be held in future at a time when employees can attend without the permission of their employers," was referred to the Organisation Committee.

The Council approved the action of THE PRESIDENT in nominating Dr. H. Davis to serve on a committee set up by the Minister of Health to deal with the labelling of ampoules of anæsthetic drugs.

### Joint Committee

Minutes of meetings of the Joint Committee on a National Pharmaceutical Service held on May 8 and 20 were presented by MR. W. J. TRISTRAM (chairman of the committee). It was noted that the committee would shortly commence discussions with the Ministry of Health on a number of matters, and had appointed representatives for the purpose.

### Quarterly Journal

PROFESSOR W. J. DILLING, submitting the annual report of the Editorial Committee of the "Quarterly Journal of Pharmacy and Pharmacology," said it was a pleasure to present a report that showed evidence of progress achieved and the promise of further progress. Circulation of the journal had recently increased substantially, and he expressed appreciation of the services of the publications manager in that connection.

A proposal that the name of the West Ham and Eastern District Branch of the

Society be changed to the East Metropolitan Branch was approved. The Council agreed that the Tanganyika Branch should be regarded as dissolved.

### Training in Aseptic Transference

The Education Committee's report, presented by Mr. C. W. MAPLETHORPE (chairman), stated that most of the pharmacy schools had intimated their willingness to provide practical instruction in aseptic transference, as suggested by the committee, for holders of the Chemist and Druggist qualification. It was agreed to ask the schools concerned to arrange the courses, and to call the attention of branches to the facilities provided. It was reported that an examination for Polish pharmacists had been held at Brighton on May 30; a further examination would be held there on July 18.

### Statistics

The following facts and figures were presented at the Council meeting:—

Benevolent Fund grants to three members and one widow, £206 (total), recommendations in seven further cases, £694; total received for the War Aid Fund to May 31, £40,511, expenditure, £14,401; premises visited in April by the Society's inspectors and agents: authorised sellers, 748; listed sellers, 637; and drug stores, 449; persons registered as apprentices or students since the previous meeting, thirty-eight (making a total of 255 in the current year); names of pharmacists restored to the Registers, fifteen.

### Protest Against Secrecy

The remainder of the "public" business was taken up with presentation and discussion of the minutes of Committees, which were for the most part dealt with *in camera*. This led to a protest from Mr. J. F. MCNEAL, who said that he understood that it was laid down that the reports of Committees were to be presented in public. Mr. McNeal suggested that the report of the Law Committee ought to be taken as part of public business, but was informed by THE PRESIDENT that this had not been the practice for the past four or five years. She made the suggestion, which was agreed to, that the matter should be discussed in private and a change made at the next meeting if thought desirable.

On a recommendation of the Finance Committee that the Society should meet any deficiency on the College account for 1946-47, several members expressed the hope that no further sum, in addition to

that mentioned *in camera* on the report of the Joint School Committee, would have to be found; Mr. H. C. SHAW thought that he could give members that assurance. From September 1947, he pointed out, the Society's commitment would be limited to £10,000 yearly.

This concluded the public business.

## NICAISE LE FEBVRE

THE notice of Nicaise Le Febvre in the Dictionary of National Biography, though corrective of certain errors then existing, is not as accurate as could be desired; and in "Chronicles of Pharmacy" (1,312) this chemist and apothecary receives only a passing mention. When looking recently through some old numbers of the "Bulletin de la Société d'Histoire de la Pharmacie" I came upon a biographical sketch of Le Febvre by Dr. Paul Dorveaux, who in the issue of the publication for May 1924 assembled all the facts that we need to know about Charles II's professor in chemistry. The fact that Le Febvre's surname has been spelt in various ways is unimportant; the substitution of Nicolas for Nicaise as his Christian name appears to be the work of an otherwise unknown editor of the last French edition, published as "Cours de Chymie . . ." in 1751, of his "Traicté de la Chymie." Le Febvre was born about 1610 at Sedan, and was apprenticed there to his father, whom he succeeded in business as an apothecary. In or about 1646 he removed to Paris. His courses in chemistry in the capital were very successful: they were attended by John Evelyn, Sir Kenelm Digby and—with what degree of interest we are not told—by the English King Charles II, then in exile. The chemist followed his distinguished patron to England in the autumn of 1660, and received the double appointment of Royal professor in chemistry and apothecary in ordinary to the Royal family. As was not uncommon at the period, his salary was forthcoming only in small and delayed instalments. He was elected a Fellow of the Royal Society in 1663, issued his treatise on Sir Walter Raleigh's cordial in 1665, and died in 1669. One of two works wrongly attributed to him is a French translation of Sir Thomas Browne's "Regilio Medici."—*Adest.*

**Distant, We Hope.**—Here is the menu for a banquet of the future:—*Le intake of calories, les starch units, le carbohydrate allocation, le riboflavin capsule quota.*—Beachcomber in the "Daily Express."

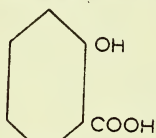
## PUBLIC PHARMACISTS' PAPERS

The following are abstracts of some of the papers read at a recent meeting of the London Branch, Guild of Public Pharmacists.

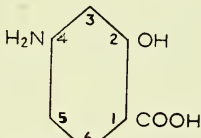
### Preparation of Solutions of Para-aminosalicylic Acid

By T. D. Whittet, Ph.C., D.B.A.

LEHMANN, in a search for compounds which would inhibit the respiration of the tubercle bacillus ("Lancet," 1945.I.15), examined over sixty derivatives of benzoic and salicylic acids and found that para-aminosalicylic acid was the most actively bacteriostatic against the bacillus.



Salicylic acid



Para-aminosalicylic acid

The compound exerts a strong action against proliferation, an effect considerably reduced if either the amino or the hydroxyl group is moved within the molecule or if the carboxyl group is replaced by another group. Toxicity of the compound is low and the drug is readily tolerated.

Para-aminosalicylic acid is a cream-coloured, crystalline powder of M.P. 140 (with decomposition). It is sparingly soluble in water, a 0.25 per cent. solution having a pH of 3.5. The mono-sodium salt forms a neutral solution (pH approximately 7). For oral administration, the following formula has been used:

Para-aminosalicylic acid ...	5.0 gm.
Sodium hydroxide .....	1.3 gm.
Water to .....	300 mls.

The sodium hydroxide is dissolved in 30 mls of water and in the solution the para-aminosalicylic acid is dissolved, the product being diluted to volume. The solution was given along with a suitable alkaline mixture to prevent precipitation of the free acid by the gastric juice.

Injection of para-aminosalicylic acid (4 mls=1 gm. of *p*-aminosalicylic acid as sodium salt) is prepared to the following formula:—

Para-aminosalicylic acid ...	25.0 gm.
Sodium hydroxide .....	6.5 gm.
Distilled water to .....	100 mls.

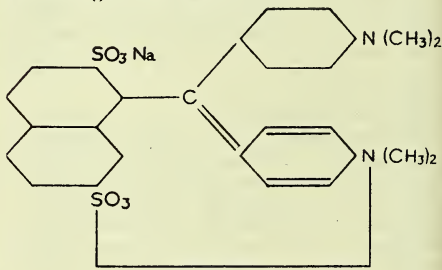
The sodium hydroxide is dissolved in the minimum amount of distilled water and the *p*-aminosalicylic acid, previously mixed with a little distilled water, added, dissolved,

and the product adjusted to volume. The solution may be sterilised by autoclaving. The parenteral route has been found preferable to the oral, as it gives more reliable blood levels of the drug. When given orally the preparation may be modified in the liver to some extent by a detoxication process. The injection has been given both intravenously and intrathecally, and appears to be well tolerated.

### Kiton Green in Vital Staining

By T. D. Whittet, Ph.C., D.B.A.

A THOROUGH study of the dyes used for tissue staining was made by Sorsby ("British Journal of Ophthalmology," 1939. I. 20), mainly in a search for a harmless dye to stain the retina. Many chemicals are detoxicated in the body by sulphonation, and he examined a large number of dyes having the sulphone group in the molecule. Eventually he found that Kiton fast green V was the most suitable for his purpose. The compound is the sodium salt of tetramethyl-diphenyl- $\alpha$ -naphthyl-carbinol disulphonic acid anhydride, and has the following structural formula:



Kiton green V

Its colour index number is 735. Sorsby showed that, on intravenous injection, a 10 per cent. solution is reduced to the leuco base by the intact retina, whilst the damaged retina retains the dye, thus enabling lesions to be located. Up to 40 mls of a 10 per cent. solution has been given for the purpose without serious toxic symptoms. The solution has been used at Charing Cross Hospital in brain surgery. It does not strongly stain tissues of endodermal origin, but deeply stains tissues of mesodermal origin, thus enabling the surgeon to distinguish meningioma from tumours of true

brain tissue. Sorsby's method of administration was as follows: A 10 per cent. solution of Kiton fast green V is prepared by dissolving the dye at 60°C., filtering twice at 35°C., and sterilising by Tyndallisation; 20 to 30 mls of the solution, warmed to body temperature, are injected intravenously. The patient gradually assumes a greenish colour, which deepens as more dye is injected, the face being deeper than the rest of the body. During the first half-hour the colour deepens, beginning to fade after three to four hours, and generally disappearing within eight to ten hours. The dye is excreted mainly through the kidneys, and the urine remains coloured for two to three days. Owing to the dark colour of the solution, particular care has to be exercised on injection to exclude air bubbles.

## Notes on Oily Solutions of Ephedrine

By H. Davis, Ph.D., and S. Powlson.

OILY solutions of ephedrine often develop a garlic-like odour on storage. Gathercol and his co-workers ("American Druggist," 1936.94.44) suggested that this odour was due to decomposition and arose from the presence of peroxides in liquid paraffin.

Preliminary tests made with 1 per cent. solutions of anhydrous ephedrine and ephedrine, B.P. (hemihydrate), in light liquid paraffin in the presence of oleic acid, ricinoleic acid, castor oil, thymol, and various antioxidants show that oxidation plays an important part in the decomposition. Propyl gallate, 0.1 per cent., retards the change, but cannot be recommended, as a brownish precipitate forms slowly in the solution. Jackerott ("Quarterly Journal of Pharmacy and Pharmacology," 1945.18.322) found that solutions of ephedrine in oil lost strength which could be regained by the addition of acids. Oleic acid (1 per cent.) and ricinoleic acid (1 per cent.) increase the rate of decomposition of 1 per cent. solutions of ephedrine in light liquid paraffin; benzoic acid is incompatible, giving a semi-solid gel; while thymol (0.2 per cent.) slightly retards the change and is also useful in masking the odour to some extent. A solution of a tocopherol concentrate, giving a final concentration of approximately 1 per cent., is promising, but the solutions have not been stored long enough to warrant final conclusions. The work is still incomplete and it is only possible at this stage to suggest that: (1) anhydrous ephedrine should be used for the preparation of solutions of

ephedrine in liquid paraffin; (2) fatty acids should not be added; (3) thymol has a slight beneficial effect; (4) solutions should be recently prepared and stored in small, well closed containers completely filled.

## Discussion

Replying to Mr. J. R. ELLIOTT (chairman), Mr. POWLSON recommended storing anhydrous *p*-aminosalicylic acid in small, well-closed containers to keep it dry.

Mr. H. S. GRAINGER asked if any difficulty had been experienced from osmotic pressure in injecting, particularly by the intrathecal route, a 25 per cent. solution of *p*-aminosalicylic acid.

Mr. WHITTET replied that, though the solution had been injected intrathecally "without disastrous results," further work was necessary on the problem.

Mr. SIMPSON was informed that no oxidation in stored *p*-aminosalicylic acid had been observed after six months; here again more work was necessary.

Dr. H. DAVIS asked if the colour of the *p*-aminosalicylic acid after sterilisation had been compared with its colour before sterilisation; he suggested that *B. subtilis* would have been a better choice than *B. mycoides* in sterility testing. In support of Mr. Powlson, he said that each new batch of ephedrine or liquid paraffin differed from its predecessor. It was possible that liquid paraffin from present sources (chiefly the U.S.A.) might form peroxides that catalysed the production of the garlic odour. Tocopherol might prove to be the best antioxidant. Mr. WHITTET said that no colour comparison had been done with the pure compound.

Mr. SEYMOUR suggested that decomposition in *p*-aminosalicylic acid was probably decarboxylation, which would not occur in a closed vessel. Research was necessary to determine the source of the garlic-like odour, and whether it was, in fact, produced by oxidation.

Mr. POWLSON informed Mr. SIMPSON that ephedrine was easily oxidised; he had not tried adding oxidised products of oleic acid to ephedrine solutions.

**Throaty.**—No chemist I have asked can supply me with some glycerin for my child's sore throat. On inquiry I am informed that the makers have cancelled all contracts on orders to export 95 per cent. to the U.S.A. We are presumably expected to cure ours with canned Sinatra purchased in exchange.—Letter in "Daily Telegraph."

## GUIDE TO NEW MEDICAMENTS

**Information**—in a form convenient for mounting on record cards for permanent card-index systems—about new proprietary medicaments supplied principally on a prescription. Their mention in these columns does not imply Editorial recommendation. A limited number of reprints will be made available to subscribers on application.

### COLLUMINA POWDER AND TABLETS

**MANUFACTURER:** Evans Medical Supplies, Ltd., Speke, Liverpool, 19.

**DESCRIPTION AND FORMULA:** An acid-soluble aluminium hydroxide in powder form, or in flavoured 5-gr. tablets.

**INDICATIONS:** Hyperacidity and other gastric disturbances.

**DOSAGE:** 5 to 15 gr. of powder, or one to three tablets.

**HOW SUPPLIED:** Containers of 50 gm. powder, or of sixty tablets.

### MARPRONTIL

**MANUFACTURER:** Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2.

**DESCRIPTION:** p-amino methyl-benzene-sulphonamide hydrochloride.

**INDICATIONS:** Infected wounds, sores, skin grafting.

**APPLICATION:** Locally as a dusting powder, 5 per cent. solution, or in combination with sulphanilamide.

**HOW SUPPLIED:** Powder, in bottles of 10 gm.; as Marprontil Compound (Marprontil with sulphanilamide) in bottles of 15 and 100 gm.

**NOTES:** Marprontil, the manufacturer states, retains full potency in the presence of pus and p-aminobenzoic acid. It is active against anærobic organisms, and is often effective in sulphonamide-resistant cases.

### HEXACHLOROETHANE

**Avlon brand (Veterinary)**

**MANUFACTURER:** Imperial Chemical (Pharmaceuticals), Ltd., Alderley Edge, Manchester.

**DESCRIPTION:** A white powder with a camphor-like odour, having the formula  $C_2Cl_6$ , prepared as a dispersible powder forming a suspension when shaken with water.

**INDICATIONS:** Distomatosis (Fascioliasis) in cattle, sheep and goats.

**DOSAGE:** No preliminary treatment is necessary, but dosing should be done in the morning, three to four hours before feeding. A second dose may be given about three weeks after the first, if required. Dosage for different animals is as follows:—  
Cattle, 60-100 gm. Yearlings, 40-50 gm. Calves, 20-30 gm. Sheep, 30-40 gm.

**HOW SUPPLIED:** Tins of 1 lb. and 7 lb. (dispersible powder).

### SUPOL SUPPOSITORIES

**MANUFACTURER:** Talisma, Ltd., 84 Charterhouse Chambers, Charterhouse Square, London, E.C.1 (Sole distributor: Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1.).

**DESCRIPTION AND FORMULA:** 37.5 gr. suppositories containing:—

Bismuth subgallate 3 gr.

Resorcin 1 gr.

Ephedrine hydrochloride 1/10 gr.

Benzocaine 2 gr.

In a base consisting of spermaceti, 1 per cent.; white beeswax, 5 per cent.; and oil of theobroma, 94 per cent.

**INDICATIONS:** Hæmorrhoids, and irritation and inflammation of the anus.

**DOSAGE:** One to three or more daily.

**HOW SUPPLIED:** Boxes of twelve suppositories, foil-wrapped.

**NOTES:** The distributor states that there is no contra-indication.

## FIRST WOMAN PRESIDENT AND THE COUNCIL

MRS. JEAN KENNEDY IRVINE, M.B.E., who has been unanimously elected president of the Pharmaceutical Society and is the first woman president of the Society, served her apprenticeship with Mr. Thomas Maben, Hawick. Mrs. Irvine is the superintendent of the South-Eastern Pricing Bureau. She was awarded her M.B.E. in 1946. In her presidential address Mrs. Irvine set herself to dispel the idea that women were comparatively new to pharmacy. In the twelfth century, she said, St. Hildegard, the abbess of a Benedictine convent near Bingen on the Rhine, was the greatest scientific writer of the Middle Ages, and one of her books gave a detailed description of drugs,

—mentioning hundreds that were in use today. Another woman was sister apothecary at Westminster Abbey in the fourteenth century.

Members of the Council of the Society in session at the June meeting are shown in the picture below.



Around table (from nearest camera): Messrs. C. W. Maplethorpe, A. A. Meldrum, H. C. Shaw (vice-president), H. Steinman and T. Heseltine, Miss M. A. Burr, Messrs. A. R. Melhuish, W. Deacon, W. S. Howells (treasurer), F. G. Wells and G. R. Knox Mawer, Mrs. J. K. Irvine (president), Messrs. F. W. Adams (deputy secretary), C. Davis, Granville Shaw and W. J. Tristram, Professor W. J. Dilling, Mr. F. C. Wilson, Dr. B. A. Young and Mr. T. Reid. Inset, above: Miss M. C. Islip, Messrs. J. F. McNeal, H. M. Hirst, E. A. Brocklehurst and Dr. J. A. Giles. Above, right: The retiring president (Mr. G. R. Knox Mawer) places the presidential chain upon his successor in office (Mrs. J. K. Irvine, M.B.E.).

## BUSINESS QUERIES AND ANSWERS

Subscribers are invited to address inquiries to the Editor on problems of management, accounts, stock-keeping, taxation. To ensure that no information of a confidential nature is disclosed to a competitor, replies will be given under initials or a pseudonym. If it is necessary to forward documents, copies only and not originals should be sent.

### Allowance for Depreciation

"My pharmacy and shop fittings have a balance-sheet value of £313, which I know is much too high. In about four years' time I hope to install more up-to-date equipment, and by that time the present fittings may have a realisable value of about £130, certainly no more. Renewals and replacements in 1947 are estimated at £20, but, of course, in four years' time the figure may be more like £50. I am endeavouring to operate a system of budgetary control, and it would facilitate matters considerably if I could incorporate a fixed amount each

The pharmacy fittings should be subjected to a deduction of 20 per cent., based on the reduced book value. At the end of

	Depreciation	Replacements	Total
1947 ...	63	20	83
1948 ...	50	33	83
1949 ...	40	43	83
1950 ...	32	51	83
	£185	£147	£332

four years the asset account would then show the figures in the table below.

It will be seen that the book value would be reduced to £128, and the reduced charge for depreciation each year would provide the margin required to meet expanding replacement costs. For budgetary purposes, the figure of £83 could be included as indicated above.

### Pharmacy and Shop Fittings

Dr.		Cr.	
1947	£	1947	£
Jan. 1 To balance .....	313	Dec. 31 By depreciation written off (viz:—20 per cent. of £313).....	63
		" " By balance .....	250
	£313		£313
1948	£	1948	£
Jan. 1 To balance .....	250	Dec. 31 By depreciation written off (viz:—20 per cent. of £250).....	50
		" " By balance .....	200
	£250		£250
1949	£	1949	£
Jan. 1 To balance .....	200	Dec. 31 By depreciation written off (viz:—20 per cent. of £200).....	40
		" " By balance .....	160
	£200		£200
1950	£	1950	£
Jan. 1 To balance .....	160	Dec. 31 By depreciation written off (viz:—20 per cent. of £160).....	32
		" " By balance .....	128
	£160		£160
1951			
Jan. 1 To balance .....	128		

year for wear and tear and upkeep. At present I am writing off an equal proportion of the capital cost each year.—J.J.T."

issue of debentures, which are quite distinct from the share capital of the company.

### £100 Companies

"I am interested to know how any business can be started with a capital as low as £100.—J.A."

While it would be impracticable to start a business with only £100 capital, many existing businesses are converted into private companies by the issue of £100 in shares, the trading assets being already in existence. If there are no assets, sufficient funds can be obtained by the

## CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

### Conference Science Papers

SIR,—We would like to remind intending authors of papers for the Science Sessions at the meeting of the British Pharmaceutical Conference to be held in Torquay from September 15 to 19, that manuscripts should be received as soon as possible and, in any case, not later than July 19. The papers submitted should relate to original investigations in pharmacy or sciences allied to pharmacy and should be forwarded to us at 17 Bloomsbury Square, London, W.C.1.

Yours faithfully,

G. R. BOYES,

H. TREVES BROWN,

London, W.C.1. *General Secretaries.*

### British-made Amino-acid Compound

SIR,—In your report (*C. & D.*, May 31, p. 623) of a recent address given to the National Association of Women Pharmacists on "Amino-Acids," by Mr. H. E. Magee, D.Sc., M.B., it is unfortunate that the only amino-acid preparation mentioned by name was the American proprietary Amigen, requiring dollars for its purchase in this country. My company has made a casein hydrolysate in this country since 1945. It is marketed under the trade name Pronutrin, and is the only 100 per cent. amino-acid preparation which is made in England.

Yours faithfully,

H. PROCTER SMITH,

Medical Information Department  
Herts Pharmaceuticals, Ltd.

Welwyn Garden City.

### N.P.U. Policy

SIR,—With great interest I read the report of the Conference of Pharmaceutical Committees published in the June 7 issue of *THE CHEMIST AND DRUGGIST* (pp. 660-62). As chairman of the National Pharmaceutical Union Branch in this area I have attended every N.P.U. conference relative to the new service, every Pharmaceutical Society conference, most of the Pharmaceutical Committee conferences and each of the Joint conferences. In addition, I have read voraciously all public statements made on the matter, and have attended many meetings addressed by official speakers. The statement made by Mr. Mallinson, quoted at the foot of p. 661,

column 2, to the effect that the N.P.U. was opposed to limitation of pharmacies, and to making the manager a party to the contract, is the first intimation I have heard to this effect. If the statement is true, then I fear that the N.P.U. has been as much out of step with public opinion in pharmacy during the last few years as it appears to be out of step with the Joint Committee at the present time, or is it a question that "they're all out of step but our Georgie"?

Yours faithfully,

THOMAS JAMES, *Chairman*,  
Wimbledon Branch, N.P.U.

Wimbledon, London, S.W.19.

### BUSINESS CHANGES

MR. F. J. WHATMORE, M.P.S., has opened a pharmacy at 46 Busticle Lane, Sompting, nr. Worthing, Sussex.

SOLPORT BROS., LTD., have removed to Portia House, 44 Spencer Street, Goswell Road, London, E.C.1 (Telephone: Clerkenwell 2472).

MR. CHARLES KALE, M.P.S., has joined College Laboratories, Ltd., Bristol, as a director; he has assumed control over the company's pharmaceutical preparations.

BLACKPOOL CO-OPERATIVE SOCIETY, LTD., have acquired the businesses of Mr. C. Kemp, M.P.S., 157 Central Drive, and Mr. T. Haslam, M.P.S., 65 Whitegate Drive, Blackpool.

ASPRO, LTD., have appointed Mr. A. E. Holt, formerly the company's representative in Lancashire and Cheshire, to be manager of their Liverpool branch. Mr. J. S. Kenyon is retiring for health reasons on June 30.

MR. JAMES A. WHYTE, M.P.S., has taken over the pharmacy at 53 Guthrie Road, Arbroath, Angus, upon the retirement of his father, Mr. James S. Whyte, M.P.S., after sixty years in business in the town.

THE PLASTICS MATERIAL SECTION, RAW MATERIALS DEPARTMENT, BOARD OF TRADE, has been removed to Horseferry House, Horseferry Road, London, S.W.1 (Telephone: Victoria 6800).

AYRTON, SAUNDERS & Co., LTD., 34 Hanover Street, Liverpool, 1, have appointed Mr. James Dumper, Aberdeen, to succeed Mr. Ian Howie as the company's representative in the North of Scotland.

BRITISH SCHERING, LTD., 167 Great Portland Street, London, W.1, have received permission from Wilmslow urban district council to develop a site at Hall Road, Handforth, Wilmslow, Cheshire, for the manufacture of pharmaceutical products.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

### 28 Essex Street, W.C.2, June 11

BUSINESS in PHARMACEUTICAL CHEMICALS proceeds on a good scale with a growing inquiry from overseas buyers for a large range of products. THYMOL and VANILLIN have been in good request but supplies are still proving very difficult. Prices of pharmaceutical chemicals have not shown any changes during the past week. It is understood that the changes in export licensing control made under a new Board of Trade Order (S.R. & O., 1947, No. 1050) announced last week (see *C. & D.*, p. 642), have given rise to the impression, in some quarters, that QUININE and other CINCHONA ALKALOIDS, and their salts, can in future be exported without licence. This is not so; exports of these alkaloids and their salts are still subject to rigorous control by the D.O.M.S.

### Crude Drugs

The inactive market for CRUDE DRUGS persists. Price movements have been few in number and the anticipated easier market has not yet appeared. A few bales of Japanese AGAR are still available; it is understood that negotiations are proceeding for the importation of a further parcel from Japan, but it is rumoured that the price asked is considerably in excess of that charged for the previous importation. New Zealand AGAR in powder is available on the spot at 25s. per lb. A fair business has been passing in Curacao ALOES and stocks have been diminished to a large extent as a result; quotations, both spot and forward, are higher than last week. Cape material, in boxes, is currently quoted at 175s. to 177s. 6d., c.i.f. Forward prices for STAR ANISE are tending easier and spot stocks are selling at 140s. per cwt., duty paid. CANADA BALSAM is in short supply on the spot and there are no signs of speedy replenishment. Lower prices are asked for TOLU BALSAM. BENZOIN has been in good request and some holders are asking higher prices for what is described as "good seconds" material. The position of new-crop CASCARA SAGRADA is somewhat obscure and reports show that buyers on the other side have been holding off with the intention of forcing down prices; such tactics usually discourage collectors and results in the gathering of a small crop of bark. A small business has been done in NUX VOMICA and supplies of COCHIN are said to be low. RHUBARB is a steady market; several parcels of very wormy material are again being offered. A parcel of Jamaica native red SARSAPARILLA is in course of landing from the s.s. "Gascony." The fall in CARNAUBA WAX prices has now been arrested and a much firmer market is showing. It is

understood that freight rates in Brazil are expected to rise as a result of shipping difficulties in the River Plate and this will affect the prices of Brazilian produce generally.

Arrangements have been made by the Ministry of Food, in agreement with the Board of Trade, for the importation of a limited quantity of MINT (dried) in bulk from France, Hungary and Kenya during 1947. Application forms for such importation may be obtained from the Board of Trade, Import Licensing Department, 189 Regent Street, London, W.1.

### Essential Oils

The past week has shown few changes in the quotations for ESSENTIAL OILS. Business continues to be rather quiet. There has been some inquiry for a number of the recently decontrolled oils, but quotations for these are not yet available. Rather lower prices are asked for BAY and for GUAIACWOOD OILS, and the easy market for LEMON-GRASS continues. Supplies of the majority of these oils are showing improvement.

### Exchange Rates on London

Bank of England fixed rates at the opening on Wednesday morning were:—

Centre	Quoted	June 11
*Alexandria ...	Piastres to £	97½-97½
Amsterdam ...	Florins to £	10.68-10.70
*Bombay ...	Pence to rupees	1-5½-1-6½
Brussels ...	Francs to £	176½-176½
Copenhagen ...	Kroner to £	19.32-19.36
Dutch East Indies	Florins to £	10.68-10.70
Dutch West Indies	Florins to £	7.58-7.62
*Hong Kong ...	Pence to \$	1-2½-1-3½
Lisbon ...	Escudos to £	99.80-100.20
Montreal ...	Dollars to £	4.02½-4.03½
New York ...	Dollars to £	4.02½-4.03½
Oslo ...	Kroner to £	19.98-20.02
Paris ...	Francs to £	479.7-480.3
Rio de Janeiro ...	Cruz to £	75.3948
*Singapore ...	Pence to \$	2-4½-2-4½
Stockholm ...	Kronor to £	14.47-14.50
Zurich ...	Francs to £	17.34-17.36

\* Free market rates.

## U.S. Drug and Chemical Report

New York, June 6

WITH the improved GLYCERIN position in the country, some dealers are offering material at 45 cents per lb., compared with the major manufacturers' price of 50 cents; this is the first time since the end of the war that glycerin has been offered on the resale market for less than producers are asking. Dealers' stocks are reported to be limited however. A shipment of METHYL ALCOHOL last week, amounting to 638 drums from Antwerp, was the first lot to be imported into the U.S. since before the war.

The material is believed to have been produced in Sweden and reports in the market indicate that further lots are likely to come forward to complete the purchase of about 130 tons made earlier this year. Consumers of ETHYL ALCOHOL, who are holding off from the market in the hope of forcing lower prices, are expected to be compelled to make replacements in the near future—at current rates.

THYMOL and MENTHOL price schedules have been increased, the former because of raw material costs, while in the case of the latter, a slightly improved demand has encouraged dealers to add increased replacement costs to material already in stock. MERCURY has been reduced by \$1 a flask, bringing the price down to \$84; this is attributed to the lack of interest in the metal.

Although export enquiries for BOTANICAL DRUGS are considerable, domestic consumers are still confining their activities to the satisfaction of immediate requirements. There appears to be reluctance on the part of certain drug exporters abroad to ship material to the U.S. in view of the continued detentions by the Food and Drug Administration. Over 60 tons of VANILLA BEANS are reported to have arrived here from Madagascar—the first shipment from that source for several weeks. An improvement in the undertone of the ESSENTIAL OILS market is reported following several months of a gradual downward trend in prices.

## Pharmaceutical Chemicals

ACETANILIDE.—Makers' quotations for 1-cwt. lots in kegs are 2s. 5d. per lb. for crystals and 2s. 6d. per lb. for powder.

ADRENALINE.—Quotations for natural are from 5s. 6d. to 6s. per gm., according to quantity; synthetic, from 2s. to 2s. 3d.

ALLOBARBITONE.—Current price for 10-kilo lots is 90s. per kilo; smaller quantities are quoted 99s. per kilo.

BISMUTH.—Makers' quotation for CARBONATE in 1-cwt. lots is 14s. per lb. Schedule rates for smaller quantities are from 15s. 8½d. per lb. upwards. CITRATE is 2d., SALICYLATE 1s. 4d., and SUBNITRATE 2s. 7d. per lb. below the above prices; SUBGALLATE is 2s. more than the carbonate.

BORIC ACID.—Current rates per ton lots of B.P. quality are: Granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in 1 cwt. bags, delivered carriage paid in Great Britain, in 1-ton lots and upwards. These terms do not apply to Northern Ireland.

BROMIDES.—Makers' current rates are as follows: POTASSIUM—1 cwt., 2s. 6d. per lb.; 28 lb., 3s. 0½d.; 14 lb., 3s. 2½d. Powder is 2d. per lb. more. SODIUM is ¾d. per lb. less than above rates and AMMONIUM 1½d. per lb. more.

BUTYL CHLORAL HYDRATE.—Current prices are from 17s. 6d. per lb. upwards.

CREOSOTE.—B.P. quality, ex beechwood, is quoted from 7s. 6d. per lb. upwards.

CRESOL.—Controlled price of B.P. quality from distillers is 4s. 6d. per gall., ex sellers' premises.

ERGOMETRINE.—Makers' prices per gm. are as follows: BASE, in quantities of 1 gm., £20; 5 gm., £19 5s.; 20 gm., £19. ACID MALATE, 1 gm., £14 15s.; 5 gm., £14 5s.; 20 gm., £14.

ETHYLMORPHINE.—Current rates per oz., in the home market, are: ALKALOID, ½ oz., 57s. 6d.; 1 oz., 55s.; 2 oz., 53s. 6d.; 3 oz., 52s. 9d.; 4 oz., 52s. 6d. HYDROCHLORIDE, ½ oz., 49s.; 1 oz., 46s. 6d.; 2 oz., 45s.; 3 oz., 44s. 3d.; 4 oz., 44s.

HYDROQUINONE.—Bulk prices per lb. are 9s. (less 2½ per cent.) for 28-lb. lots and 8s. 9d. (net) for 1-cwt. lots; other quantities in proportion. Packages free. Contracts: Minimum 5 cwt. over 12 months.

HYPOPHOSPHITES.—Makers' rates per lb. for 7-lb. lots are: AMMONIUM, 9s. 3d.; BARIUM, 6s. 3d.; CALCIUM, 4s. 11d.; IRON, 9s. 4d.; MAGNESIUM, 7s. 9d.; MANGANESE, 8s. 5d.; POTASSIUM, 6s. 1d.; SODIUM, 5s. 7d. HYPOPHOSPHOROUS ACID in quantities of 6 Winchester quarts, is 6s. 2d. per lb.

MAGNESIUM CARBONATE.—Prices of LIGHT in the home trade, in quantities between 28 lb. and 1 cwt., are from 1s. 1d. to 1s. 5d. per lb., according to pack. HEAVY is three-pence per lb. more than these prices.

MAGNESIUM OXIDE, LIGHT.—Prices for the home trade, for quantities between 28 lb. and 1 cwt., are from 2s. 9½d. to 3s. 1½d. per lb., according to pack.

MAGNESIUM TRISILICATE.—For quantities between 28 lb. and 1 cwt., prices for the home trade are from 3s. 8d. to 4s. per lb., according to pack.

METOL.—Bulk prices (net) per lb. are 17s. 6d. for 28-lb. lots and 16s. 6d. for 1-cwt. lots; other quantities in proportion. Packages free. Contracts: Minimum 5 cwt. over 12 months.

SULPHANILAMIDE.—Large quantities are quoted from 5s. 9d. per lb. upwards; smaller quantities are at 7s. to 7s. 6d. per lb., according to pack.

TANNIC ACID.—In very short supply, B.P. levis, ex ether, is quoted from 10s. 6d. per lb. upwards, according to quantity.

TEREBENE.—Rates per lb. are as follows: Carboys, 3s. 9d.; 24 Winchester quarts, 3s. 10½d.; 12. 4s. 1½d.; 6, 4s. 5d.

TERPINEOL.—B.P. quality is quoted at 5s. per lb. for small lots.

THEOBROMINE.—In short supply. Makers' prices per lb. are as follows: ALKALOID, from 39s. 6d. to 43s. 6d., according to quantity; CALCIUM SALICYLATE and SODIUM SALICYLATE, from 22s. 3d. to 26s. 3d.; SODIUM BENZOATE, from 24s. 9d. to 27s. 9d.

VANILLIN.—Current rates are: 5 cwt., 22s. per lb.; 1 cwt., 22s. 3d.; 56 lb., 22s. 6d.; smaller quantities, 22s. 9d. per lb.

## Crude Drugs

**ALOE.**—Curaçao is firmer and quotations are now at 240s. to 250s. per cwt., spot; forward quotation, 215s., c.i.f. Little business is passing in Socotrine; prices vary from 150s. to 190s. per cwt., according to quality. Cape, in boxes, for shipment, is quoted at 175s. to 177s. 6d., c.i.f.

**AMMONIACUM.**—Tears, on the spot, are quoted at 2s. per lb.

**ANISE (STAR).**—Spot quotations are easier at 140s. per cwt., duty paid; forward, 100s., c.i.f.

**ANTIMONY.**—Current rates are as follows: 99.6 per cent. regulus, £190 per ton, delivered; 99 per cent., £180; 70 per cent. crude, £150.

**ARECA NUTS.**—Quiet. Ceylon nuts is steady at 65s. to 67s. 6d. per cwt., according to holder.

**BALSAMS.**—Canada is rather scarce at 15s. per lb., spot; Parà *Copaiba* is quoted at from 8s. to 9s. per lb., *Peru* is at 7s. 6d. to 8s. per lb., duty paid. *Tolu* is available at 18s. per lb., spot.

**BUCHU.**—New-crop short rounds are quoted at 4s. 3d. per lb., spot; shipment, 4s., c.i.f.

**CAMPHOR.**—Steady. Chinese tablets ( $\frac{3}{4}$ -oz.), quoted at 11s. 3d. to 11s. 6d. per lb., spot; refined powder (B.P.), 11s.; Formosa crude (B.B.) 10s. 3d.;  $2\frac{1}{2}$ -lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid.

**CANTHARIDES.**—Chinese is offered at 15s. per lb., spot.

**CAPSAICUMS.**—East African is steady at 120s. to 140s. per cwt., according to quality.

**CARDAMOMS.**—Quiet and steady. Mangalore, half-bleached, A's, are quoted at 8s. 9d. per lb.; B's, 8s. 3d. per lb.; seeds, 7s. 9d., spot. Aleppy seeds, No. 1, is at 8s. per lb.; Aleppy greens, 7s. per lb., spot.

**CASCARA SAGRADA.**—1946 peel is quoted at 275s. to 280s. per cwt., duty paid. American new-crop bark for shipment is quoted at prices from 210s. to 215s., c.i.f., duty paid.

**CASCARILLA.**—Quiet. Quills are quoted at 1s. 10 $\frac{1}{2}$ d. per lb.; siftings are available at 1s. 6d., spot.

**CASSIA PODS.**—(*C. fistula*).—East Indian is easier at 80s. to 85s. per cwt., ex wharf.

**CHAULMOOGRA.**—Quiet. *Hydnocarpus* is available at 2s. per lb., in tins in cases.

**CHILLIES.**—Mombasa, quoted at 165s. per cwt., spot; Nigerian, 135s. to 140s.; Japanese-type, 190s. to 200s.

**CINNAMON.**—Quillings are quoted at 2s. 6d. to 2s. 8d. per lb., spot; featherings, 1s. 10d. to 2s.; chips 1s. 2d. to 1s. 4d.

**CLOVES.**—Zanzibar are quoted at 9 $\frac{3}{4}$ d. to 10d. per lb., spot. Penang are offered at 3s. to 3s. 6d. per lb.

**COCHINEAL.**—Silver greys quoted at 4s. 3d. to 4s. 6d. per lb. spot; blacks are quoted at 5s. 9d. per lb.

**COLOCYNTH.**—Fine-white is offered at 2s. 2d. and medium-white at 2s. per lb., spot.

**DIGITALIS.**—Portuguese is steady at 130s. per cwt., spot; English-grown, 2s. 6d. per lb.

**ERGOT.**—Spot quotations are from 5s. to 5s. 3d. per lb.; shipment, 4s. 9d., c.i.f.

**GUAIACUM RESIN.**—Lump material now afloat, is quoted at 3s. per lb., landed.

**GUM ACACIA.**—Steady. Quotations for Kordofan cleaned sorts are at 75s. per cwt., spot; shipment, 67s. 6d., c.i.f. Bleached No. 1 is quoted at 145s., ex store. Talha is quoted at 41s. per cwt., spot; forward, 37s., c.i.f.

**GUM MASTIC.**—No. 1 is offered at 16s. per lb., duty paid.

**HENBANE.**—Indian leaf is quoted at 250s. per cwt., spot.

**HENNA.**—Indian leaves would be worth 1s. 5d. per lb., landed.

**HYDRASTIS.**—Spot quotations are at 60s. per lb.; forward, 55s. c.i.f., value.

**MACE.**—West Indian pale, spot is quoted at 7s. to 7s. 6d. per lb.

**MENTHOL.**—Brazil is quoted at 46s. to 47s. 6d. per lb., duty paid, according to holder; forward, 40s., c.i.f. Chinese is quoted at 52s. 6d., duty paid; no forward offers are forthcoming.

**NUX VOMICA.**—Madras, steady at 40s. to 42s. 6d. per cwt. Mangalore, 40s.; Cochin, somewhat scarce, 42s. 6d. to 45s., spot, according to seller.

**OLIBANUM.**—Fair to good drop is quoted from 200s. to 240s. per cwt.; pea size, 220s.; good garblings, 180s.; seeds, 175s.; siftings, 110s.

**QUASSIA.**—For shipment June-July, quoted at 34s. per cwt., c.i.f.; September-October shipment is quoted at 32s., c.i.f.; spot, difficult to find, 40s. to 45s. per cwt.

**RHUBARB.**—Chinese spot, is quoted at prices from 6s. to 8s. 6d. per lb. for fair to good fracture material; forward prices are from 6s. 6d. to 7s. c.i.f. French rhapontica is quoted at 2s. per lb. spot.

**SANDARAC.**—Quotations are at 6s. to 6s. 3d. per lb., ex store London.

**SARSAPARILLA.**—Jamaica, native red is quoted at 2s. 3d. to 2s. 4d. per lb.

**SEEDS.**—Very little business has been reported during the past week. **ANISE.**—Cyprus, quoted at 2s. 3d. per lb., spot London or Liverpool. **CARAWAY.**—Dutch, quoted 1s. 3d. to 1s. 4d. per lb., duty paid, spot London. **CELERY.**—Indian is 1s. 5d. per lb., spot London or Liverpool. **CORIANDER.**—Spot, Morocco, quoted at 50s. per cwt., duty paid, in London; Argentine is still offered at 50s. per cwt., duty paid, in Liverpool; English is unchanged at 75s. per cwt. **CUMIN.**—Spot, Morocco, 240s. per cwt., duty paid, in London; Indian, 235s. per cwt., ex wharf Hull or Liverpool; Cyprus offered at 237s. 6d. per cwt., in London. **DILL.**—Indian, offered 40s. to 42s. 6d., spot London; spot Liverpool, 38s. per cwt., is asked.

**FENNEL.**—Indian, 100s. to 195s. per cwt., spot London; a parcel is offering spot Liverpool at 97s. 6d. per cwt. **FENUGREEK.**—Indian, quoted at 45s. per cwt., spot London, and 42s. 6d. per cwt., ex store Liverpool; for shipment, Indian offered at 36s. per cwt., c.i.f., for July-August shipment.

**SENEGA.**—Old-crop material is quoted at 12s. 9d. to 13s. per lb., spot. No offers of new-crop are available at present.

**SENNA.**—Tinnevely leaves, spot, No. 1, 1s. 2d.; No. 2, 1½d.; No. 3, 10d.; No. 4, 8½d. Tinnevely pods, hand-picked, 10½d. to 1s. 4d.; manufacturing, 6d. to 6½d. Alexandrian pods, hand-picked, spot, from 4s. 3d. to 4s. 9d., according to quality; medium, 2s. 9d.; manufacturing, 1s. 9d. to 2s. per lb.

**SHELLAC.**—F.O.T.N. pure, is offered at 305s. per cwt., ex warehouse London; F.O. Standard No. 1 is quoted at 315s.; lemon, No. 1 is at 350s., and lemon, No. 2, 340s.; A.C. garnet, 375s.; buttonlac is quoted at 355s. and seedlac at 310s.

**SQUILL.**—Quiet. Italian is quoted at 70s. per cwt., spot.

**STRAMONIUM.**—Indian leaf is quoted at 85s. per cwt., on the spot.

**STROPHANTHUS.**—Quiet. Kombé seed, 100 per cent., quoted at 10s. per lb.

**STYRAX.**—Small quantities are available at 5s. per lb., duty paid.

**TAMARINDS.**—Barbadoes is being offered at 50s. per cwt. in bond.

**TONKA BEANS.**—Frosted Pará is offered at 4s. 9d. per lb., spot.

**TRAGACANTH.**—Steady. Selected grades are quoted at £155 per cwt. Other grades are as follows: No. 1 white, £145 per cwt.; No. 2 white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £45; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf, from £17; hoggy, £12 to £15 per cwt.

**TURMERIC.**—Madras finger is quoted at from 105s. to 110s. per cwt., spot.

**VALERIAN.**—Belgian root is at 190s. to 220s. per cwt., according to holder.

**WAXES.**—Dar-es-Salaam Bees' is quoted at 360s. per cwt. spot; shipment is at 345s., c.i.f. Lindi, spot, is quoted at 350s.; forward, 340s., c.i.f. Benguela, for shipment, 315s., c.i.f. CANDELILLA.—Spot quoted at 445s. per cwt.; forward, 440s., c.i.f. CARNAUBA.—Brazil is asking 680s., c.i.f., for fatty. Resellers' fatty grey, July-August shipment, is quoted at 650s. c.i.f. and a parcel afloat is quoted at 650s., c.i.f. Spot quotations for fatty are at 700s. per cwt. Prime yellow is quoted at 850s., spot, and 700s., c.i.f. for material afloat. **MONTAN.**—Reibek is steady at 390s. per cwt., spot; Czechoslovak crude is quoted at 335s., spot. **ORICURI.**—5 per cent. for shipment, 340s. per cwt.; 7 per cent., spot, 450s.; forward quotation for 2 per cent., 400s., c.i.f.; 2.2 per cent., spot, 480s.

## Essential and Expressed Oils

**ALMOND.**—B.P. sweet is firmly held at 8s. to 9s. per lb., according to quantity.

**BAY.**—Spot quotations for West Indian are easier at 7s. 6d. to 8s. per lb., according to quantity.

**CADE.**—In limited supply. Quotations are from 5s. to 6s. per lb., spot.

**CANANGA.**—Nominal value, 50s. per lb.

**CASSIA.**—Spot quotations are from 17s. 6d. to 19s. per lb., as to quantity.

**CASTOR.**—Controlled prices are unchanged. Firsts, £180 per ton; Seconds, £176, naked ex works.

**CINNAMON LEAF.**—Quotations are at from 12s. to 13s. 6d. per lb., according to quantity.

**CITRONELLA.**—Ceylon is quoted unchanged at 8s. to 9s. per lb., spot.

**CLOVE.**—English-distilled from buds is quoted at 11s. to 12s. per lb., according to quantity.

**CORIANDEr.**—Very scarce. English-distilled oil is available at 250s. per lb.

**FENNEL.**—Scarce. Sweet oil is quoted at 17s. 6d. to 20s. per lb., on the spot.

**GERANIUM.**—Bourbon, 75s. to 80s. per lb., according to quantity.

**GINGER.**—Quotations range from 75s. to 125s. per lb., according to quality and seller.

**GUAIACWOOD.**—Quoted at 16s. to 18s. per lb., spot, according to quantity.

**JUNIPER BERRY.**—English-distilled, from European berries, is quoted at 130s. to 140s. per lb. Imported oil can be obtained at prices from 35s. to 40s. per lb.

**LAVANDIN.**—Spot quotations are from 15s. 6d. to 16s. 6d. per lb.

**LAVENDER.**—French (38 to 40 per cent. esters) is quoted at 50s. to 55s. per lb. Spanish (spike) is quoted at 12s. 6d. to 13s. 6d. per lb., spot.

**LEMONGRASS.**—Cochin is quoted at from 8s. 6d. to 10s. 6d. per lb., spot.

**LIME.**—West-Indian distilled oil is quoted at 35s. per lb., spot.

**LINSEED.**—Controlled price of crude is £200 per ton, naked ex works.

**NEROLI.**—Spot quotations are from 90s. to 95s. per oz.

**NUTMEG.**—English-distilled oil is quoted at 65s. to 70s. per lb., spot; West-Indian distilled, to come forward, 42s. 6d. to 45s. per lb.

**OLIVE.**—Controlled price of edible, 1 per cent., is unchanged at 47s. 9d. per gall. of 9 lb., ex store London, in 45-50 gall. drums.

**ROSEMARY.**—Spanish is quoted at 9s. 6d. to 11s. per lb., as to quantity.

**SANDALWOOD.**—English-distilled, in limited supply, is quoted at 85s. to 90s. per lb., according to quantity.

**THYME.**—Red oil (40-42 per cent. phenols) is at 16s. 6d. per lb.; white oil is quoted at 18s. to 20s. per lb., spot.

## TRADE MARKS

(From "The Trade Marks Journal," May 21)

- "DELVITOL"; for horticultural chemical preparations for rooting cuttings (1). By Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2. 647,484.
- "CRISTONE"; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other Classes), sachets for use in hair-waving, soaps, and essential oils (3); and for pharmaceutical preparations and substances (5). By Henry Thomas Christian, 50 Goldsmith Street, Nottingham. B644,916/625 (Associated).
- "OVODEX"; for all goods (3). By Kay & Kay, Ltd., 30-31 Richardson Street, London, S.E.1. 645,484 (Associated).
- "GAY SCOT"; for perfumes and toilet preparations (not medicated) (3). By Nor-Sun, Ltd., 160 Central Drive, Blackpool. B645,775.
- "DORSILLA"; for cosmetic preparations (not being toilet preparations) (3). By Cyril Abinett, 179 Albert Road, Southsea, Hants. 645,957.
- "SWERL"; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other Classes), sachets for use in hair-waving, soaps, essential oils (3). By Thomas Hedley & Co., Ltd., Phoenix Buildings, Collingwood Street, Newcastle-on-Tyne. 646,599.
- "VITAWAVE"; for sachets and lotions for use in waving the hair (3). By Lennard, Lee-Narvill & Co., Ltd., 216 Anlaby Road, Kingston-upon-Hull. 647,268.
- "FIELDENE" and "FIELDINE"; for cleaning and scouring preparations, soaps, toilet preparations (not medicated), cosmetics, perfumes, shampoos and dentifrices (3). By J. C. & J. Field, Ltd., Cardiff House, 22 Parkside, Wimbledon Common, London, S.W.19. 647,281-82 (Associated).
- "DIDIT"; for insecticides (5). By Rodmill Chemical Co., Ltd., 49 St. Anne Street, Liverpool, 3. 640,793.
- "PHARMATONIN"; for pharmaceutical products; and "PHARMATON LUGANO" in circle enclosing a pestle and mortar (device of pestle and mortar disclaimed); for chemical preparations and substances prepared for use in medicine and pharmacy (5). By Pharmaton G.M.B.H., Villa Kradolfer, Tamporiva, Castagnola bei Lugano, Switzerland. B643,410 (Associated).
- "ARNOLIN"; for preparations for treating chilblains (5). By Arnold Franklin, Ltd., 20 Downs Avenue, Pinner, Middlesex. 643,542.
- Device of head and shoulders of man wearing gas mask; for preparations for killing weeds and destroying vermin (5). By Hive Fumigation Co., Ltd., 15 Cheapside, Liverpool, 2. 643,068.
- "DESTRUCTINE" and devices of dead insects and woman using spray; for disinfectants and insecticides for export (5). By Zacharias Bloemeurs Coatzee, 108 Williams Road, Durban, South Africa. B644,817.
- "ALTRA" in cross device (colour restrictions imposed); for pharmaceutical preparations and substances for internal human use, ointments for treating skin diseases, sanitary preparations and substances, and antiseptic and disinfectant preparations (5). By Altra Ltd., 37-39 Oxford Street, London, W.1. 643,717 (Associated).
- "HEXOTROPIN"; for pharmaceutical preparations and substances (5). By Bayer Products, Ltd., Africa House, Kingsway, London, W.C.2. 645,307 (Associated).
- "PLANARSAN"; for pharmaceutical preparations containing arsenicals (5). By May & Baker, Ltd., Dagenham, Essex. 645,577 (Associated).
- "RIDDOJOY"; for pharmaceutical preparations (5). By Riddell Products, Ltd., Axtell House, Warwick Street, Regent Street, London, W.1. 647,284 (Associated).
- "NASTANT"; for inhalants (5). By Nostax, Ltd., 3 Bournemouth Park Road, Southend-on-Sea, Essex. 647,309.
- "TALANNIN"; for pharmaceutical preparations and substances (5). By Savory & Moore, Ltd., 61 Welbeck Street, London, W.1. 647,632.
- "AVARC"; for hand bellows-operated spraying devices (8). By C. R. Averill, Ltd., 22 Duchy Street, Stamford Street, London, S.E.1. 643,437.
- "3 HANDS" (numeral "3" disclaimed); for toilet paper (not medicated) (16). By British Disinfectant Co., Ltd., South Grove, South Tottenham, London, N.15. 647,262 (Associated).
- "ANEETA"; for perfumers (odorisers), perfume sprays, toilet sets and toilet utensils, none being of precious metal or coated therewith (21). By Anita Stephen, 12 Tenterden Street, Hanover Square, London, W.1. B646,423.
- "FLINTESSA"; for powder puffs and toilet utensils in this class (21). By Mechanical Lighters & Engineering Co., Ltd., "Flintop House," 1 Roman Way, London, N.7. 647,573.

### APPLICATIONS AMENDED AFTER ADVERTISEMENT

The address of applicants of Nos. 637,647-48 should be altered so as to read "730 Fifth Avenue, New York 19, U.S.A."

The name of the applicants of Nos. 645,012-13 should be altered so as to read "Shepherd's Aerosols, Ltd."

(From "The Trade Marks Journal," May 28)

"KUMFEX"; for all goods (5). By Splendor, Ltd., 5 Beastmarket Hill, Nottingham. 646,098 (Associated).

## COMING EVENTS

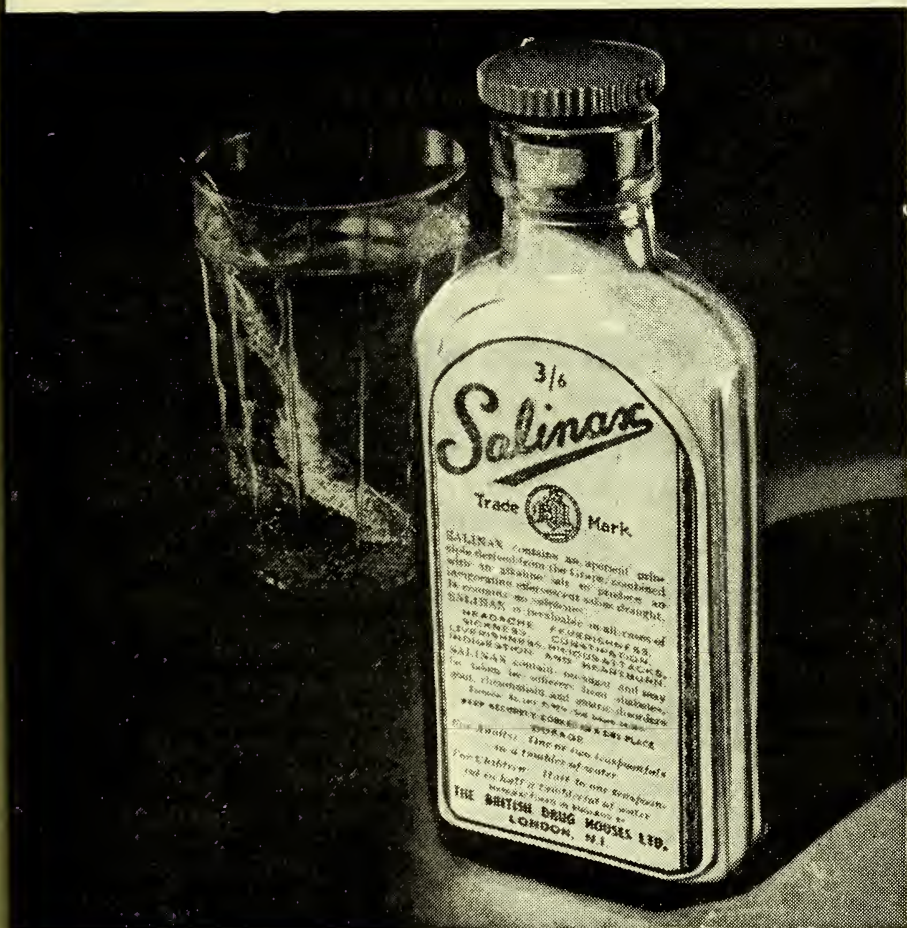
Wednesday, June 18

FEDERATION OF SURGICAL INSTRUMENT MANUFACTURERS, River Plate House, Finsbury Circus, London, E.C.2, at 2.30 p.m. Members' meeting.

Thursday, June 19

BEDFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, George Hotel, Luton, at 7.15 p.m. Mr. J. F. McNeal (a member of the Society's Council) on "Current Events in Pharmacy."

CHADWICK PUBLIC LECTURE, Chelsea Physic Garden, Swan Walk, London, S.W.3, at 4 p.m. Professor W. H. Pearsall, D.Sc., F.R.S. (professor of botany and director of laboratories at University College, London) on "Water Supply and Freshwater Biology."



## SALINAX

As a mild aperient, a blood purifier or a pleasant effervescent summer drink, Salinax will appeal to a wide range of customers. It is sugarless and may be taken therefore with safety by diabetics. It contains no sulphates. Supplies are ready for immediate delivery and a limited number of showcards is available.

PRICES { Small size: trade 16/- doz., retail 2/- inc. tax  
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THE BRITISH DRUG HOUSES LTD. LONDON N.1

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*We specialize in the manufacture of*

**Salts and Derivatives of  
8—HYDROXYQUINOLINE**

*including*

**CHINIOFONUM and DI-iodoquin**

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**PIERSON, MORRELL & CO. LTD.**

THE ORIGINAL BRITISH ASPIRIN MAKERS  
**BARNET, Herts**

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**LIQUORICE JUICE blocks.**  
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**LAMBETH & Co. (LIVERPOOL) Ltd**  
Greenock Street  
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**WE SPECIALIZE IN**  
**THE MANUFACTURE OF**

**GALLIC ACID-PYROGALLIC ACID**

**PURE & TECHNICAL**

**RESUBLIMED, PURE CRYSTAL & TECHNICAL**

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of **SCIATICA**  
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## REFINED CHINESE CAMPHOR

TABLETS  $\frac{1}{4}$ oz. and  $\frac{1}{2}$ oz.  
SLABS AND POWDER

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(Ammonium, Potassium, Sodium B.P.)

regularly available for export to  
all markets

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### PALESTINE POTASH LTD.

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ONE of the **TENNANT Group of COMPANIES**

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## Quinine and Phosphorus Tonic

We can now resume deliveries  
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### Children's Cough Balsam

### 'Contenta' Gripe Mixture

### Children's Tonic

*containing*  
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Needle Crystals, Medium, Exsiccated

All grades conform to the 1932 B.P. Standard

Special Crystals matched and any degree of exsiccation to order. Packed for Home and Export;

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**GALE'S NUTRITIOUS TONIC**

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MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS  
ROTHERHAM Established 1751 YORKS

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Important  
features of**PYREX**  
REGD TRADE MARK BRAND  
**GRADUATED  
GLASSWARE****1. Low co-efficient  
of expansion.**

This is as low as  $3 \cdot 2 \times 10^{-6}$  and prevents fracture from sudden changes of heat and cold.

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By reason of this low co-efficient of expansion, the structure of PYREX Glass can be made more robust than that of ordinary glass.

**3. Economical.**

It therefore follows that losses from breakages due to frequent everyday handling are much reduced, thereby giving longer service.

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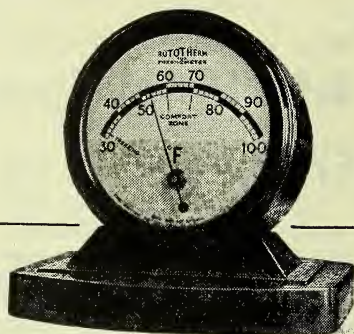
Made in two N. P. L. standards, namely, Class B. for everyday laboratory usage, and Class A. for more meticulous research or analytical work.

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Handsomely designed Table and Desk thermometers which you can sell on very profitable terms. Also Wall models in various colours.

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DIAL THERMOMETERS

THE BRITISH ROTOTHERM CO., LTD.  
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**SURGICAL RUBBER GOODS**

Loose and Packed Lines from . . . 24/- gross  
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28 lb. " . . . @ 3/3d. lb. "  
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5 cwt. " . . . @ 2/9d. lb. "

**LIQUORICE JUICE STICKS—FINE QUALITY.**

Assorted 1 oz. and 2 oz. sticks.

Minimum 4 lb. lots . . . @ 5/3d. lb. nett.

Both items cash with order, carriage paid,  
prompt delivery from stock—order now

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WHITE FLINT GLASS CONTAINERS  
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## BOTTLES & JARS for Sale

1 dram, 2 dram and 4 dram  
**PERFUME BOTTLES**

3 dram **NAIL VARNISH  
STYLE BOTTLES**

1-oz. and 2-oz. **FANCY  
BOTTLES** (All the  
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Caps).

1-oz. and 2-oz. **SQUAT JARS**  
with Enamelled Metal Screw  
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*If you require  
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above, kindly  
let us have  
your en-  
quiries by return, stating quantities wanted. We  
shall also be glad if you will indicate to us your  
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*make a fast rule of*  
**BOTTLE FOR BOTTLE**

The Soft Drinks Industry  
(War Time) Assocn. Ltd.



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RETAILS AT  
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338 KILBURN HIGH ROAD, LONDON, N.W.6

offering the following :—

### Bottles and Jars and Caps for bottles and jars

Various surplus kinds for disposal, including  
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Oil of Pine. (Sib) . . . . . 21/- per lb.

Indian Talc. Fine qual. . . . . 30/- per Cwt. £25 per Ton

Machine and Cycle Oil . . . . . 4/9 doz 2 oz bot.

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Aspirin Tabs bots 40, 4/8 — A.P.C. Tabs 50s, 9/4 doz.  
Soapless shampoo 1 oz bottle 7/4 — Pet jelly 5/3 Yel.  
6/5 White 2 oz jar — Liqu stocking 15/- 2 oz bot, 25/-  
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per doz (1 doz per cust) — Lanoline B.P. 7/7 per doz  
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2 oz jar 16/8 per doz — 2 oz Bots Lav or Cologne 35/-  
doz (1 doz per order) — All prices include Tax C.W.O.

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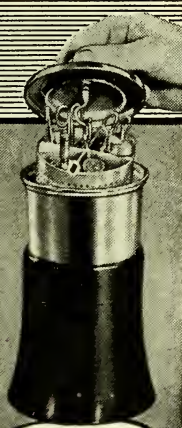
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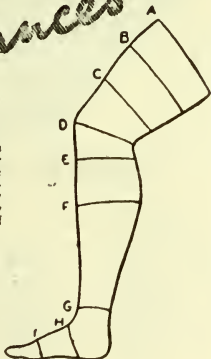
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# NEW PLASTIC SURGICAL DRESSING

FOR years doctors and chemists have felt the need for such a dressing as Plastic Skin. Neat, easily applied, transparent (invisible under a silk stocking or a little powder) flexible and waterproof, it is sterile, powerfully germicidal and analgesic. Because of its high salol content, it *heals* as well as seals.

Originated for use as a dressing after blood transfusions, Plastic Skin is already widely used in hospitals, highly recommended by many surgeons and doctors, and officially "recognised" for panel prescriptions.

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"Portex" Plastic Skin is now packed in handy tubes (Retail price 1/8 including tax) which give maximum ease of application and prevent any risk of deterioration in stock. Also in larger size bottles. Generous trade terms.

**FREE TESTING SAMPLE.** Test this interesting new product for yourself. Sample tube gladly sent on application to:  
**PORTLAND PLASTICS LTD.**  
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## SEALS and HEALS

FORMULA : Phenyl Salicylate gr. xii. Methyl Methacrylate gr. xvii. Resorcinol gr. ii. Eugenol m. i. Chloroform m. x. Volatile Solvents ad 3 ii.

NO PINS  
NO PADS  
NO BELTS

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—GIVES YOU  
Quick SALES  
—AND Quick  
PROFITS!

Chemists and department stores already know the popularity of Holly-Pax—and sales are rocketing with the increasing availability of supplies. Holly-Pax still offers by far the best tampon value on the market. In addition, retailers' profits are boosted by the new Bonus, which is to operate for a limited period only.

## Special BONUS OFFER

(for a limited  
period only)

Every dozen packets of Holly-Pax ordered and delivered to retailers will be invoiced as 11 only!

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**FASSETT & JOHNSON LTD**  
86, Clerkenwell Road, London, E.C.1

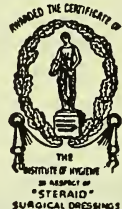
## SURGICAL DRESSINGS

Wholesale Only

Enquiries are invited for any of the following manufactures—

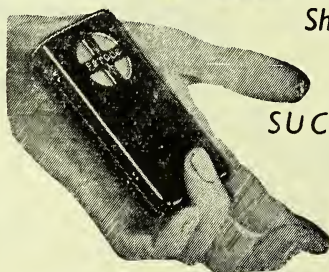
Cotton Wools  
Boric Acid Wool  
Grey Wool  
Gauze and Cotton Tissue  
Absorbent Gauze  
Boric Acid Gauze  
Iodoform Gauze  
Mercury and Zinc Cyanide Gauze  
Picric Gauze  
Ribbon Gauzes  
Absorbent Lint  
Boric Lint  
Picric Lint  
W.O.W. Bandages  
Crepe Bandages  
Domettes  
Flannel  
Muslin  
Triangular Bandages

Fast Edge Bandages  
Standard Dressings  
Merchant Ships Dressings  
Neck Wools  
Bacteriological Wools  
First Aid Dressings



**ROBERT BAILEY & SON, LTD.**

SURGICAL DRESSING MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT  
Phone: GREAT MOOR 3006 Grams: "UNDISPUTED," STOCKPORT

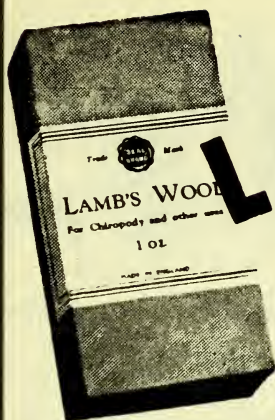


Share in  
the  
SUCCESS

## "EERADE" V3

20 years of deaf aid experience goes along with every "Eerade" V3... the scientific blessing that brings the joy of hearing to thousands, because it is the nearest thing to natural hearing. The "Eerade" valve set is precision made of best materials by skilled craftsmen. Its efficiency compares with the largest box type, yet fits into a vest pocket. Learn more of this profitable line... write for further particulars and trade terms to—

**CITY EERADE CO. (1926)**  
(Dept. C.D.) 10 Corporation Street, Manchester,  
Sole Selling Agencies are available in certain towns



# LAMB'S WOOL

## FOR CHIROPODY

### AND OTHER USES

$\frac{1}{2}$  oz. - - 3/9 doz.      2 oz. - - 12/- doz.  
1 oz. - - 6/9 doz.      4 oz. - - 22/6 doz.

Attractively packed in carton with transparent paper wrapping  
WHOLESALE TERMS ON APPLICATION  
All prices subject to 33 $\frac{1}{3}$ % Purchase Tax

MACDONALD & SON LTD.  
DAWSON STREET, SALFORD, MANCHESTER, 3.

## BIGGER 'LITESOME' SUPPLIES

*.... But demand gains pace!*

Production in the new, bigger Litesome factory has been going up steadily. But demand for Litesomes has been growing fast, too. The result is that it is still necessary to ask you to order well ahead—to estimate future requirements now and order accordingly. If you wait until you actually need the goods you may be disappointed.

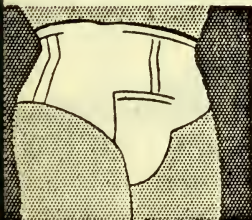
"ON TOP OF THE WORLD"

# LITESOME

### FITWEAR FOR MEN



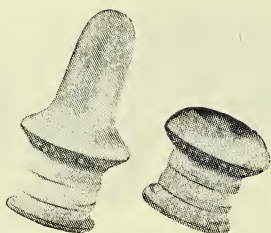
STANDARD - Retails at 6/10 | MAYFAIR - Retails at 15/2  
2 sizes—28/34" and 34/40" waist | 3 sizes—28/33", 33/39" and 39/45"  
FRED HURTLEY, LTD. KEIGHLEY, YORKS.



*Ingram's*  
**"Omega"**  
TEAT & VALVE

REG. NOS. 841964, 841968

Made by a special process which gives long life and produces a Teat with a perfect flow. The shape ensures a tight grip of the bottle.



P.A.T.A.

*Other Ingram specialities*

"ATALANTA" Air Cushions

"OMEGA" Breast Relievers

"PERFEX" &amp; "SATINETTA" Enemas

**J.G. INGRAM & SON, LTD.***The London India Rubber Works, HACKNEY WICK, E.9.*

HERE'S A **CORN**  
REMEDY YOU CAN'T BEAT  
Hobson's Choice removes Corns in 3 to 7 days,  
it is safe, sure and painless. Backed up by  
widespread advertising it has become the  
leading CORN CURE on the market to-day.

100 **Hobson's Choice** 00  
FEET PLAISTERS  
POWDERS

Retail Prices:

Plaisters - 2d.

Powders - 1½d.

Combination  
Pack - 9d.

**HOBSON TRIMBLE CO., LTD.,**  
UNION HOUSE, LEEDS, 2

Sole distributors for Scotland:  
**SOUTHERN MANUFACTURING CO., LTD.,**  
187, St. Vincent Street, Glasgow, C.2.

**ATTRACTIVE  
TRANSOTAPE**

★ ★

*PUTS YOUR  
PACK ON A  
PEDESTAL*

**JOHN GOSHERON & CO LTD**

GAYFORD ROAD LONDON W 12

SHE 3326 (5 lines)

PW 47/14

# MAKE A *Killing* THIS SUMMER *WITH*



This well established and well advertised household insecticide is available in 1/9 and 2/3 size tins. Powder in 1/- canisters. Its reputation has now spread to over 20 overseas countries and the demand for Flyol is ever increasing.

Contains D.D.T. and I.C.I. "GAMMEXANE". No stain. No smell. No moth. No grub. Complete and lasting protection. 3/6 size bottle shows a profit of 50% on outlay.

A D.D.T. Concentrate with attractive five-colour label giving full story of uses of D.D.T. to gardening enthusiasts. 2/6 size tin also shows 50% profit.

*Widely advertised products of*

**FUBEX LIMITED, 27 ALBEMARLE STREET, LONDON, W.1**



*just open!*  
*visit*  
*the new*  
*shopfittings*  
*AND*  
*showcase*  
*department*  
*AT*

**POTTERS**  
(LONDON) LIMITED

No connection with Wm. Potter & Sons, Ltd.  
of 160 Aldersgate Street, E.C.1

**97-99 ST. JOHN STREET**  
**CLERKENWELL, LONDON, E.C.1**

Telephone: CLERKENWELL 2171

*If unable to call, write or phone  
your requirements.*



## What's in a name?

Behind the name of BURGE WARREN & RIDGLEY lie years of experience of surgical goods and druggists' requisites. Our knowledge is at your service, and our reward is a great reputation. It is our proud boast that many of our clients have been associated with us since our business started.

We are always willing to help with any difficulties or problems concerning surgical and druggists' goods.

**BURGE WARREN  
& RIDGLEY LTD**

45 CITY ROAD, LONDON, E.C.1

'Phone: CLERKENWELL 1710 & 5371

'Grams: "Drugsund, Finsquare, London."

Druggists' Sundries - Toilet Requisites  
Packed Pharmaceuticals - Fancy Goods etc



*Let the Sun  
pay you . . .*

**DIVIDENDS**

In a few weeks — perhaps a few days — your customers will want Sun Tan Oil. You can make handsome profits by selling this commodity, manufactured by you from our new Emulsifier S.T.

Emulsifier S.T. (contains Antiviray) 7/6 per lb.; Labels 5/- per gross; Mineral Oil 14/- per gallon.

Bottles available from stock —

2 oz. Elite, 2 oz. Pompadour, 4 oz. Cosmo, 4 oz. Pompadour, 4 oz. Round Cologne. 48/- per gross

**The British Surgical & Drug Co. Ltd.,**  
40 SACKVILLE ST., LONDON, W.1 Phone: REG 7200

**4** OUT OF **5**  
men behind the  
counter say:



## “ELASTOPLAST” BEST SELLER”

*A pointer to new high levels  
for your sales in future.*

THIS DIAGRAM is a barometer of the first-aid dressings market. It is taken from a survey carried out recently for Elastoplast. Stockists throughout the country were asked “Which brand of plastic adhesive dressing sells best?” No fewer than 79.6% answered “Elastoplast!” Elastoplast sells easiest,

sells quickest. Today, supplies are restricted. Thousands who ask for Elastoplast are unable to get it. But what a mine of goodwill; what a welcome for Elastoplast when supplies are free.

# Elastoplast

TRADE MARK

A SMITH &amp; NEPHEW PRODUCT

# SUN-GLASSES

- All fitted with non-splint safety or “Crookes-Chances” lenses
- Largest variety! Beautiful range of colours
- Clip-Overs with curved lenses
- Moderate prices:

Obtainable through usual Wholesalers:—  
S. Maw, Son & Sons, Ltd., etc.

Full Retail & Wholesale terms from:

**Gerrard, Walters & Co., Ltd.**

67-8 HATTON GDN., NEW HOUSE  
LONDON, E.C.1

Telephone: HOLborn 5016

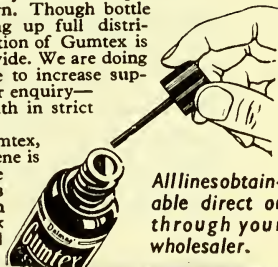
## MORE PEOPLE KNOW —

# Gumtex

for  
**SORE GUMS**

Even in these days you can't keep a good product down. Though bottle shortage is holding up full distribution, the reputation of Gumtex is spreading far and wide. We are doing everything possible to increase supplies. Send in your enquiry—it will be dealt with in strict rotation.

Advertising for Gumtex, Burnojel and Arthene is being continued. Be ready for Nurolets—the new anti-pain tablet with quick assimilation and rapid action.



All lines obtainable direct or through your wholesaler.

A. DE ST. DALMAS & CO. LTD., LEICESTER



# CENSUS OF DISTRIBUTION

*Note this important week*

## JUNE 15th—21st, 1947

A Pilot Census of Distribution will be held early in 1948, for the year 1947.

THE PILOT CENSUS WILL APPLY ONLY TO THE AREAS GIVEN BELOW.

It will include wholesalers, retailers, caterers, motor traders, and service trades such as hairdressers, boot and shoe repairers, and similar trades.

*This is the information you will be asked to supply for the WEEK 15-21 JUNE 1947 only:—*

1. Numbers of full-time employees, showing males and females, and those under 18 and over 18, separately, and numbers of part-time employees.
2. The total wages payable to each group, including commission but before deduction of tax, etc.
3. The number of employees who normally earn over £10 a week, and the total paid to them for the week.
4. The number and type of delivery vehicles in use during the week and the number of staff employed on delivery.

You are requested to keep a careful record of these details for the week ending 21st June 1947 so that the Census Form can be completed without difficulty when received.

**ONLY THE FOLLOWING AREAS will be covered by the PILOT CENSUS**

**COUNTIES—**

Berkshire  
Aberdeenshire  
Merionethshire

Rugby  
Skegness  
Skelmersdale  
Stafford  
Swansea

**TOWNS—**

*England & Wales*

Taunton  
Weymouth  
High Wycombe

*Major City:*

Liverpool

*Scotland:*

Galashiels  
Oban

*Towns:*

Aldershot  
Barnard Castle  
Bootle  
Bridgend  
Chester  
Chorley  
Crook  
Halifax  
Jarrow  
Kidderminster  
Oxford

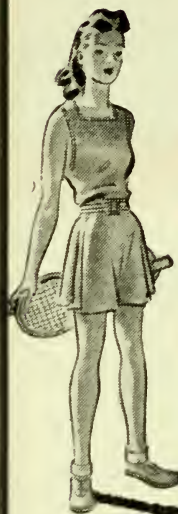
**AREAS PARTIALLY COVERED—**

Bristol — Wholesale-  
sellers' activities  
only

**Manchester—**

Some merchant  
converters and  
job and fent  
traders only

ISSUED BY THE BOARD OF TRADE



# SUMMER ADVERTISING FOR VALPEDA

THE NATIONAL FOOT BALM

## *bigger than ever*

Two reasons why the public will be asking for MORE VALPEDA—good reasons both! It does its job. It is widely and heavily advertised.



The list of papers is much too extensive for printing in this space, but here are a few.

Daily Mail  
Daily Herald  
News Chronicle  
Daily Mirror  
Daily Telegraph  
News of the World  
People  
Sunday Chronicle  
Sunday Dispatch  
ETC.

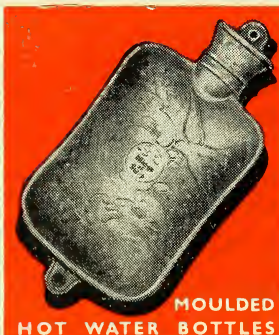
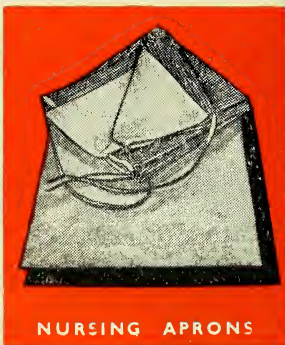
Birmingham Mail  
Bristol Ev. World  
Coventry Ev. Tele.  
Derby Ev. Telegraph  
Hull Daily Mail  
Manchester Ev. News  
Glasgow Daily Record  
S. Wales Echo  
Belfast Ev. Telegraph  
ETC.

Aberdeen Ev. Express  
Dundee Telegraph  
Edinburgh Ev. News  
Picture Post  
Woman's Friend  
Woman & Home  
Woman's Illustrated  
Woman's Own  
Woman's Weekly  
ETC.

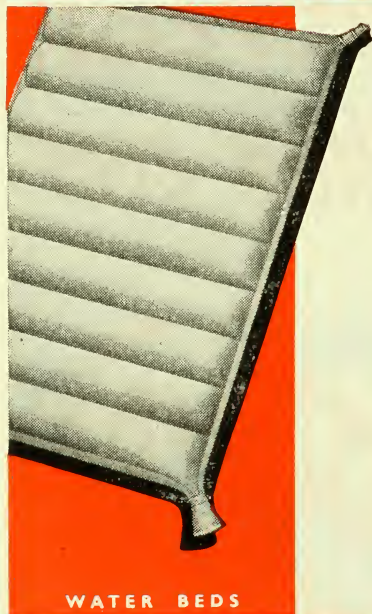
DAE HEALTH LABORATORIES LTD., 17 BERNERS STREET, LONDON, W.1



COT SHEETS

MOULDED  
HOT WATER BOTTLES

NURSING APRONS



WATER BEDS

## *Rubber Products*

### FOR THE DRUGGISTS' TRADE

Not quite as quickly as you or your customers might wish, but steadily and surely, more North British Rubber products are becoming available. Illustrated are some of the lines which can now be ordered through your Wholesaler—all of them are of the high quality associated with the name North British.

# NORTH BRITISH

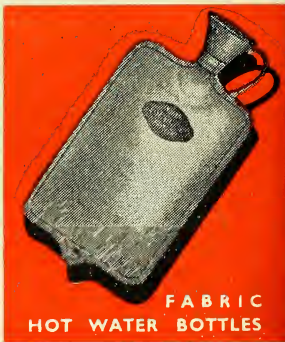
THE NORTH BRITISH RUBBER CO. LTD.  
EDINBURGH & LONDON.



CUSHIONS



COMBS

FABRIC  
HOT WATER BOTTLES

*The  
Complete Service*

**WASHED AND  
STERILIZED  
READY FOR USE**



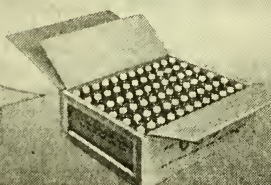
**CORK MOUTH**



**FITTED KORKALITE  
MOULDED CAPS**



**FITTED ALUMINIUM  
CAPS**



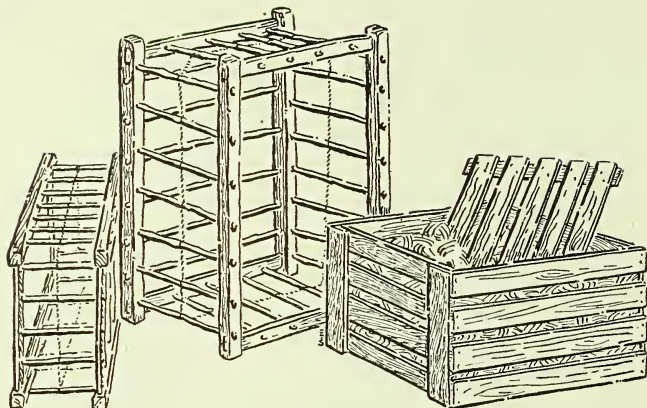
**UGB**

**UNITED GLASS BOTTLE  
MANUFACTURERS LTD.**

**8 LEICESTER STREET, W.C.2**

Tel.: GERRARD 8611 (15 Lines)    Grams: UNGLABOMAN, LESQUARE, LONDON

## *An appeal...*



**The shortage of crates and packing cases  
is impeding deliveries of glassware !**

**We appeal for the prompt return of all  
empties. It is of vital necessity that our  
customers should, in their own interests,  
unpack and return packages with the utmost  
speed, so ensuring continuity of supplies of  
manufactured goods.**

# WOOD BROS GLASS CO LTD

ESTABLISHED 1828

## BARNSLEY

## YORKS

# A new approach to the rational treatment of SPASTIC DYSMENORRŒA (PERIOD PAINS)

By combining a symptomatic and anti-spasmodic therapy, "Menovo" tablets provide prompt relief from painful menstrual spasms with associated disturbances such as headaches, irritability, nausea, etc.

"Menovo" is the result of over two and a half years' extensive laboratory and clinical research, and, having been introduced with complete success in Canada and South Africa, is now available to your medical and lay customers.



A Speciality of  
CLINICAL PRODUCTS LTD.  
RICHMOND, SURREY



Advertising on a national scale will appear in the medical press, nursing journals, women's magazines, national and provincial newspapers. This is supported by a fully illustrated educational booklet "The Dawn of Womanhood," now available for free distribution over the counter.

## CLINICAL PRODUCTS LTD and ASSOCIATED CHEMICALS LTD

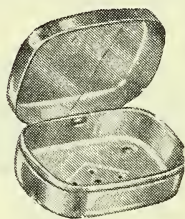
### NEW TERMS

PRODUCT	RETAIL PRICE Incl. Pur. Tax each	TRADE PRICE per doz.	PUR. TAX per doz.	BEST TERM PARCELS
<b>MENOPAX Tablets</b> for Menopausal Symptoms				Any preparation or combination of preparations to the nett invoice values (excl. purchase tax) shown below, carry bonus discounts as indicated :-
25 tablets	2/10	22/6	3/9	
60 " "	5/7½	45/-	7/6	
Hospital Packing) 140 " "	11/3	90/-	15/-	
<b>MENOPAX</b> <b>Antipruritic Cream</b> for Menopausal Pruritus, etc. In tubes 23 gms.	4/10½	39/-	6/6	
<b>MENOVO Tablets</b> for Spastic Dysmenorrhœa				30/- .. 7½% 45/- .. 10% 60/- .. 12½%
Minimum 1 doz.) 12 tablets	2/3	18/-	3/-	
<b>PERSONMIA</b> for Insomnia				
12 tablets	2/3	18/-	3/-	
Minimum 1 doz.) 30 " "	4/6	36/-	6/-	

Best term parcels are obtainable only from the Sole Distributors  
in the U.K.

MAW of BARNET

# CONTAINERS — for delivery NOW



Soap boxes with draining holes and corner stands. Hinged lids, as illustrated, or—

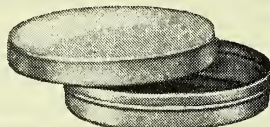


with slip lids, as above. Made in aluminium, polished or plain.

These four items can be delivered from stock in limited quantities to early applicants. We specialise in containers in glass, metal, cardboard and plastic and welcome enquiries for regular supplies



Blue enamelled, round, aluminium containers, as above, in various sizes.



2-oz. oval brilliantine containers, made from coloured aluminium.



(Dept. 23) PERCENTA HOUSE, 130/2 TOOLEY STREET, LONDON, S.E.1

Phone: HOP 0516 (6 lines)

Applied Before Work



Keeps Hands Clean  
and Healthy

Temporary Pack —  
Tins retailing at 2/1d. including  
Purchase Tax

★ ALSO ROZALEX OINTMENT  
IN JARS 2/6 INCLUDING P.T.

Retail discount 25%

**ROZALEX LIMITED**  
10 Norfolk Street, MANCHESTER, 2



WE ARE  
CREATING THE  
DEMAND for  
**SCRAM**

DISPLAY this 3-doz. box  
£1 · 5 · 6

**NATIONALLY  
ADVERTISED**

EVERY HOUSE  
WITH A MOUSE  
BUYS **SCRAM**

From most  
wholesalers or direct—

**SCRAM: 5, Dartmouth Park Hill, London, N.W.5**

THERE IS ONLY ONE WINNER

*when INSECTS  
challenge***SECTO**  
Regd.  
**D.D.T.****The insecticide  
that sells on sight  
and repeats on merit***Made in the Factory that supplied H.M. Government with D.D.T. products during the War*

Retail Prices of SECTO D.D.T. are:—

Powder 1/3 2/6 5/6      Liquid 2/- 3/- 6/- 15/-

*Usual Trade Profit Margins and Discounts***SECTO CO. LTD., BLACKBURN**

NON-POISONOUS

**DENGERM**

TRADE MARK

IDEAL 11½ & ANTISEPTIC 1/9 Inc Tax

**DENGERM LTD.,**  
LONDON, S.E.1.

**MANUFACTURERS**

We are now expanding our selling organisation which is Nation-wide and covered by Resident Representatives. We cordially invite you to contact us if you manufacture Paper Toilet Sundries, Brushware, Manicure Accessories including Combs and General Toilet Requisites.

**ANGEENE      DISTRIBUTING  
AGENTS**  
**20 PARKSIDE, LONDON, N.W.2**

**THE HOUSE-PROUD  
WOMAN'S CHOICE***Once used it sells  
itself... 45 years  
reputation for  
high quality.**All Leading Wholesalers Stock it***TREECE POLISH Co. Ltd., NOTTINGHAM**

**STANWHITE**

LIM.TED

Parkhouse Works, S.E.5

*have been appointed SOLE DISTRIBUTORS of***BUTYWAVE SHAMPOO***for Home Sales.***PRICES AND TERMS REMAIN UNALTERED**

This new distribution arrangement, coupled with an extensive advertising campaign in National and Women's Journals, marks a new step forward in the progress of this popular shampoo.

Orders for BUTO Odourless Depilatory should be sent to Biometica, Ltd., as usual.

**BIOMETICA LTD · LONDON · S.W.1****A SPLENDOR PRODUCT****YOU OUGHT TO STOCK !**

An excellent formula  
—a striking pack  
—a rapid seller  
and steadily advertised.

3½d., 6½d., 1/5 and 2/6 Incl. P. Tax

Prompt delivery from all wholesalers or direct from

**SPLENDOR LTD.**  
**LONDON and NOTTINGHAM**

**PROPAX**

DOUBLE POWER  
**TABLETS**

**REALLY STOP PAIN****PATA****CASH IN ON HERBALENE**

Extensive advertising in the national and provincial press, and the recommendations of satisfied users have built up a large market for Lusty's HERBALENE, a natural, non-habit forming laxative, and one of a group of pure herbal products. You can cash in on that demand : write now for full details!

*Attractive showcase on request.*

**LUSTY'S NATURAL PRODUCTS CO.**  
**WESTCLIFF-ON-SEA · ESSEX**

**SURE-SELLING STOCK!**

OVER 150 YEARS REPUTATION

**KEARSLEY'S**

THE ORIGINAL

**WIDOW WELCH'S FEMALE PILLS**

9d. BOX PROFIT by ordering 1 dozen 2/10 size. Bonus box given on every dozen (13). It pays to push this size.

**C. & G. KEARSLEY LTD.**

71 Dartmouth Rd., London, S.E.23

Bus 1787 in the Reign of King George VI



## 'KINGDOM' WASHING POWDER

For Linens, Cottons, Woollens, Silks and General Kitchen use

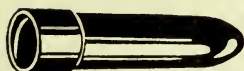
BROTEX Reg'd

## ALUM BLOCKS

for use after shaving

## STYPTIC PENCILS

for cuts and to stop bleeding



Agents for Great Britain:

**& M. GOULD, Ltd. 62, 64, 66, Stoney Lane, London, E.C.3**

Telephone: BISHOPSGATE 7734, 5355

Manufacturers: BROTEX PRODUCTS LTD - 49A, GRAYLING ROAD - LONDON, N.16.

To **Pharmacists**  
of the North-East

if its an Ethical Proprietary

**MIDDLETON**

**& CO. LTD. Boundary Rd.**

**MIDDLESBROUGH**

TEL. 3207

DRUGS, GALENICALS  
SURGICALS, DRESSINGS  
CHEMICAL AND  
ANALYTICAL REAGENTS

*Penicillin*

**READY  
LIVERY**  
OUR OWN  
S WHEREVER  
BIBLE

**LABORATORY GLASSWARE & APPARATUS**  
T. S. A.  
LICENCE HOLDERS  
**WHOLESALE ONLY**

THERE IS NOT  
SUFFICIENT

*Beaulah's*

FAMOUS  
MALTED MILK

For all the people  
who want it.

Our policy therefore is  
to distribute all available  
supplies to our Chemist  
Friends only.

In one popular size **2/3**  
only at present . . .



**J. & J. BEULAH LIMITED**  
**BOSTON LINGS.**

# THE ANGLO-FRENCH DRUG Co. Ltd.

are glad to announce that the following  
products are again available :—

ACECOLEX	BIVATOL	NAIODINE
ACECOLINE	CRYOGENINE	OPO-IODAMELIS
ADREPATINE	EMGE (Lumiere)	THIONAIODINE
ALLOCHRYSINE	HYPOTAN	TULLE GRAS
ANAQUINTINE	IODAMELIS	URASEPTINE

Further particulars on request from—

11 - 12, GUILFORD STREET, LONDON, W.C. 1

# NO! . . .

PERSONAL POINTS  
or  
DOCTOR'S PRESCRIPTION  
are NOT needed for

DR. SPICER'S

# MALTOBAR

AVAILABLE FROM  
WHOLESALE

*Enquiries to the Manufacturers:*

**AFFINED BASIC CHEMICALS  
LIMITED**

EMPIRE WORKS, DESBOROUGH RD.,  
HIGH WYCOMBE, BEDS

Telephone : High Wycombe 2266/7/8

(A)

*Profit by Selling—* **SUDEX**  
ALEXANDRIAN HAND-PICKED  
**SENNA PODS**  
*The Ideal Laxative*  
Packed in attractive three-colour 1 oz. cartons and convenient display outers.  
AMPLE SUPPLIES AVAILABLE  
Order from your usual wholesaler.  
**THE SUDEX SENNA COMPANY**  
(Props: Matthews & Wilson Ltd.)  
6 and 8 COLE STREET, LONDON, S.E. 1

## ASPIRIN 309

Supplies of this New, Palatable and convenient form of Aspirin—with the lemon flavour—are immediately available. Extensive Advertising supports you and attractive display material sent upon request.

Manufactured by :

**SMITH, SAVILLE & PARTNERS Ltd.**

Willshaw St., London, S.E. 14



**3/- and 5/-**  
**PER BOTTLE**

Extensive advertising has created a big customer demand for this grand family tonic. Cash in and get your fair share of this big profitable business.

NO LICENCE REQUIRED.

...and a bottle of  
**VIRONITA**  
of course!

# VIRONITA

## THE FAMILY TONIC

**VIRONITA IS FAST SELLING AND PROFITABLE**

CALTHORPE & COMPANY LIMITED. Manufacturing Chemists OSSETT



The Bronchial months  
are here. Show these  
reliable, popularly  
priced lozenges in their  
attractive cartons on  
your counter and you  
will be pleased with the  
sales. The formula is  
reliable and the profit  
good. From your  
wholesaler or direct:—

*A tickle  
in the  
throat puts  
a tinkle  
in the till*

ANDERSON RICHARDS & COMPANY LTD.  
37, EASTCHEAP, LONDON, E.C.3



This attractive trial  
show outer contains:  
6 x 3/6 Rhumuv Cap-  
sules @ 24/- doz. = 12/-  
+ P. Tax 2/- = 14/-  
1 only 6/6 @ 44/6 per  
doz. = 3/8½ + P. Tax  
7½d. = 4/4

Total cost—18/4 per  
carton.

POSTAGE FREE

Rhumuv Capsules  
give maximum relief  
from rheumatic  
pains, headaches,  
neuralgia, influenza,  
feverish colds etc.



**SimpkinS of Sheffield**

**AT LAST !**  
**deliveries**  
**without**  
**delay**

**WE** are glad to announce that we have at last been able to increase production sufficiently to meet the ever growing demand for Juno-Junipah.

**ORDERS** can now be placed for any reasonable quantities with the certainty of prompt delivery.

**THOMAS MARNS LTD.,**  
2, Caxton St., London, S.W.1  
Phone: Whitehall 6310

# JUNO - JUNIPAH

*The Woman's Own Health Salts*

## SELLING UNLIMITED!

**M**ORE and more Chemists are getting calls for ANTIPHLOGISTINE for a long list of common everyday conditions

**P.A.T.A.**

**Respiratory:** Chest Colds, Bronchia Irritations, Sore Throat due to colds

**Home Injuries:** Sprains, Strains Muscular Aches and Pains



The story of ANTIPHLOGISTINE is being carried to the Medical Profession by Medical Journals

Four sizes available to meet all demands  
10½ ozs., 1 lb., 2 lbs., 5 lbs

*Antiphlogistine*  
TRADE MARK

**THE DENVER CHEMICAL MFG. CO.**  
**LONDON, N.W.9**

## CLARK'S *medical* LIVER & KIDNEY SALT

An old favourite and ready seller now available again, to retail at 1/1½d. A Newball & Mason line. Attractive pack, attractive terms. Write for details.

**NEWBALL & MASON LTD., NOTTINGHAM. Est. 1850**

**EXTEND YOUR TRADE  
USE A TRADE MARK  
CONSULT**

**TRADE MARK PROTECTION SOCIETY  
12, CHURCH STREET LIVERPOOL.**

**.. MANOIDS ..  
NEVROIDS ..  
URICURE TABLETS  
OCCASIONAL PILLS**

**THE ACTON PILL & TABLET Co. Ltd.**  
ASH VALE, SURREY  
and all Sundries Houses

# SHERLEY'S always make Regular Customers!

To be sure of a fair share of the big, regular demand for the Sherley's preparations please order well ahead—for empty shelves can only mean disappointment. There is no treasure like a regular customer. He is the mainstay of profitable trading; a source of valuable good will. Adequate stocks of Sherley's Dog and Cat Medicines will keep the "regulars" happy and turn many a "casual" into a good friend.



## SHERLEY'S DOG MEDICINES

F. SHERLEY & CO. LTD., 16/18 MARSHALSEA ROAD, LONDON, S.E.1

## AUTOMATIC OINTMENT FILLING MACHINES WANTED

*New or Second-hand  
Suitable for Filling*

$\frac{1}{4}$  oz. and  $\frac{1}{8}$  oz. TINS

Write Box No. 1/34

**'CHEMIST & DRUGGIST'**

28 ESSEX STREET, LONDON, W.C.2



*for  
healthy  
hair—*

**NODAN**—prepared from a highly scientific formula — clears dandruff and scurf and retards baldness. It penetrates deeply, acts *quickly*.

Price to public 3/10½ inc. tax

## N O D A N

Display material available

Enquiries to:

**FASSETT & JOHNSON, LIMITED**

16, Clerkenwell Road, London, E.C.1.

# Sojan

**PATRICK, JAMES & CO., LTD. KINGSTON-ON-THAMES**

NOW AVAILABLE

## OLD WORLD LAVENDER WATER EXQUISITE EAU DE COLOGNE

7 dram Bottles INDIVIDUALLY BOXED @ 17/6 per doz.

6 oz. Bottles DELIGHTFULLY DESIGNED and BOXED @ 117/- per doz.  
Plus Purchase Tax

5% discount for cash with order.

ORDER NOW.

QUOTA IS LIMITED.

### EUROPEAN CONTAINER COMPANY (ANNOUNCEMENT)

Enquiries invited for small or large quantities of European Perfumery bottles and jars. State sizes required and type preferred and requirements for 1947. Special. We are Agents for the French manufacturers who are making the most exclusive glass stoppered perfume bottles for all the leading French perfume manufacturers. Prices vary from 2/- to 5/- each plus the cost of each mould for the first transaction. Enquiries invited.

**EUROPEAN CONTAINER COMPANY**  
216 ANLABY ROAD, HULL

### CHEMICAL SUPPLY

White Odourless Mineral Oil. 10/6 to 13/6 per gallon, depending on quantity.

Sulphonated Lauryl Alcohol. Liquid. 4/- to 5/- per lb., depending on quantity.

"Rohsem" R.C.E. The White cream maker 7/6 per lb. Lavender (French—Finest newly imported) compounds at 64/- per lb.

State purpose when asking for sample.

L.L.N. & Co. Albermarle House, 265 Anlaby Rd., Hull

DESIGNED BY SPECIALISTS

## ADELPHI AUTOFILLER

is one example of  
our range of  
PRECISION  
EQUIPMENT

Let it solve  
**YOUR  
BOTTLE  
FILLING  
PROBLEM**

Prompt  
delivery



- Hand operated and gravity fed
- Simple construction
- Non corrosible
- Positive action
- Rapid filling
- Wide range of nozzles
- Container holds 4 gals.

**ADELPHI Manufacturing Co. Ltd.**

(Dept. C. & D.)

CHEMICAL ENGINEERS 8, ADAM STREET,  
Temple Bar 4689 LONDON, W.C.2

## This Cutting Speaks for itself

This is no time to mince words—the position is too serious. The stark truth is that unless we have the containers, you cannot have the goods. We collect during normal deliveries and other times, too. And—we pay cash on the spot.

### WE ASK YOU TO DO THIS:

## CONTAINER RECOVERY SERVICE

S.P.D. Limited, Unilever House,  
Blackfriars, London, E.C.4

- 1 Open C.R.S. wood and fibreboard cases carefully to avoid damaging tops and sides.
- 2 Fold C.R.S. collapsible cartons FLAT—with flaps sticking OUT (otherwise flaps have to be untucked before re-use).
- 3 Store them out of the weather until collection.

## The Evening News

### YOUR FOOD MAY BE HELD UP

### SHORTAGE OF PACKING CASES IS TO BLAME

“Evening News” Reporter

THE shortage of coal and the lack of raw materials for the making of cardboard packing-cases are likely to cause a serious hold-up in distributing foodstuffs this summer.

At present food firms are using up cases made last year. When these have gone the mere trickle of packing-cases now being turned out will not be sufficient.

One fibreboard packing-case firm told me: “Because of the inevitable lack of cases to carry the food there will be very little in the shops in six months.”

CRS 38-683

## GEDEON RICHTER (GB) Ltd.

have to announce that, owing to the higher cost of Vitamin A, the prices of **PARIVITAN** will be increased:

PARIVITAN SYRUP	PARIVITAN TABLETS
6 ozs. 2/9 + tax -/4	30 2/6 + -/3
16 ozs. 4/2 + tax -/7	100 6/6 + -/9
40 ozs. 9/2 + tax 1/3	500 17/6 + 2/4
80 ozs. 16/3 + tax 2/2	1000 32/6 + 4/4

### HALISTERIN CAPSULES

50 7/- + tax -/9
100 13/- + tax 1/5
250 22/6 + tax 3/-

Alteration to be effective  
Immediately

## MORE THAN A BANDAGE —



Sticks to  
itself—

—but not to  
the skin

## —NOT A PLASTER

- NO KNOTS • NO PINS
- PLENTY OF GOOD INFORMATIVE ADVERTISING
- ADEQUATE DISPLAY MATERIAL
- GENEROUS TRADE TERMS

## PRESTOBAND

THE ANTISEPTIC SELF-ADHESIVE BANDAGE  
SOLE DISTRIBUTORS: FASSETT & JOHNSON LTD.  
86, CLERKENWELL ROAD, LONDON, E.C.1.

# Steady sales and good supplies

Extensive advertising of D.D.D. Balm — in the national, provincial and periodical press and the women's journals — is a constant reminder to a receptive public — the mothers of babies and of young children. That is why the sales of D.D.D. Balm are so steady. Supplies are now equal to demand — your wholesaler can deliver from stock.

D.D.D. Balm is specially prepared for sensitive skins. It does not sting, does not burn. It is white, non-greasy and does not stain. D.D.D. Balm quickly clears napkin rash, teething rash, chapping and chafing. D.D.D. Balm is safe and speedy for babies skin troubles.



TRADE TERMS: 16/- per dozen. Purchase Tax 2/8d. per dozen. Inclusive retail price 2/- per jar.

## D.D.D. BALM

D.D.D. COMPANY LTD.

3 FLEET LANE, LONDON, E.C.4

Generous direct display terms  
for **QUICK-SELLING**

**SELTO**  
Dental Salt

13 TO THE DOZEN—33½% DISCOUNT

Recommended by Dentists in all parts of the Country. Link up with increasing demand on direct display terms —13 to dozen —33½% discount. Bottles 1/10½, refills 1/7 (inc. tax).



**SELTO (Eastbourne) Ltd.**  
Hamden Park Eastbourne

## LINK UP with THIS BIG CAMPAIGN

Can you spot the GREYFACES?

Of course they're everywhere — tired looking, depressed people, their energy sapped by queues, worry, strain, hurry. How about YOU? Don't be just so VITAL FORCE won't let the pushing tempo of modern go-pressure living get you down!

**THEY NEED A COURSE OF Vital Force**

**THE BUSY PERSON'S TONIC TO PUT THEM 'IN THE PINK'**

42 TABLETS 3/9 - 14 Days Course from all Chemists

Vigorous Press and Poster Advertising is putting **VITAL FORCE** over in a big way. Take a share of this profitable business. Let us send Display material and Showcards (in full colour), together with handsome terms. Retail at 3/9d.

**MACLENNAN PRODUCTS LTD.**  
9, MONTRELL ROAD, LONDON, S.W.2.

# WHY IS ALKA-SELTZER UNIQUE?

Because it combines for the first time  
in a **chemically stable** effervescent tablet  
the following ingredients

- ★ ACETYL SALICYLIC ACID   ★ SODIUM BICARBONATE  
★ CITRIC ACID

This tablet dissolved in a glass of water produces a sparkling, refreshing, pleasant drink. In this form the Acetyl Salicylic Acid is more readily assimilated.

ALKA-SELTZER has a double-action — it relieves pain and discomfort and provides the necessary antacid which helps to correct the cause of the trouble when associated with an excess acid condition.

**FOR WHAT AILMENTS OR CONDITIONS IS ALKA-SELTZER RECOMMENDED?** For conditions or ailments in which an analgesic and an alkalizing agent are recommended, such as indigestion, headaches, the discomfort of colds, most everyday aches and pains and discomfort caused by acid-producing foods and drinks.

*Write for trade price list and particulars  
of display discounts to:*

**Wm S. Momand Ltd., 57 Albany Street, London, N.W.1**

*Sole Distributors for Miles Laboratories Ltd.*

## RETAIL PRICES:

SMALL SIZE      **1/5**  
(12 TABLETS)

LARGE SIZE      **2/10**  
(30 TABLETS)

*(Including Purchase Tax)*

# Alka-Seltzer

**QUICK DOUBLE-ACTION  
ALKALISES, RELIEVES PAIN**



# BRITISH ALKALOIDS LTD.

(MANUFACTURERS OF T.C.P.)

At the Eighteenth Annual General Meeting of the Members of British Alkaloids Ltd., on June 9th the Chairman MR. E. OSWALD TOFT, F.C.A., F.S.A.A., F.T.I. made the following statement which was circulated with the Report and Accounts.

## CONTINUED DEMAND FOR PRODUCTS.

The Profit and Loss Account for the year ended 31st March, 1947, and Balance Sheet at the same date, which are presented herewith, set out the results of trading for the Company's first full year under Post-War Trading conditions. An innovation will be noted, and I trust welcomed, in that the figures are stated to the nearest £ and that relative figures of the Company's accounts for the previous year are inserted for easy reference and comparison. This year the Profit and Loss Account records the actual revenue of the Company for the year under review, viz. £153,462, plus the balance to the credit of Profit and Loss Account last year of £1,239 making a total of £154,701 against which is charged Directors' additional remuneration for this year of £8,315, leaving a balance of £146,386, and from this amount, appropriations which total £118,201 have been deducted, namely, Balance of Advertising Account, £36,955, Transfer to General Reserve £5,000, Provision for Taxation £67,000 and Interim Dividends, less Income Tax, paid 1st November 1946, £9,246.

## LIBERAL PENSIONS FOR EMPLOYEES.

These appropriations are in accordance with the Board's policy in previous years, except that it will be recalled that last year a provision of £2,000 was made for Staff Pensions. During the year an additional Pension Scheme has been inaugurated through our Insurance friends who originated the Company's Contributory Scheme, and the cost chargeable in this year has in consequence been reduced by the provision of £2,000 mentioned above, and the balance charged as an ordinary expense in the Company's Trading Account. Briefly this new Pension Scheme, with one exception, applies to each member of the staff who is a member of the Company's original Contributory Scheme, and each member is assured a total annual pension on retirement at the age of 65 of approximately two-thirds of such member's annual salary or wages. A Dependant's Income Benefits Scheme has also been instituted to provide for an employee's widow or other dependant should death occur before the age of 65. The total cost of both these schemes is being borne by the Company, and I feel sure that the shareholders will fully concur with the decision on this matter taken by the Directors that faithful service by employees to your Company should assure them freedom in old age from financial worries.

## THE APPROPRIATION.

The amount appropriated for taxation, viz. £67,000, makes a total provision in the Balance Sheet of £68,700 which covers the estimated Excess Profits Tax and Profits Tax liabilities for the year to 31st March, 1947, of £34,000 plus £34,700 for the estimated Income Tax liability for the fiscal year ending 5th April, 1948, based on the profits made by the Company for the year ended 31st March, 1947. The average rate for Excess Profits Tax for the year to 31st March, 1946, was 90 per cent., which should be compared with an average rate for Excess Profits Tax and Profits Tax for this year of approximately 50 per cent. This reduction enables a larger transfer to Reserve Account of £5,000 and a greater amount to be available for distribution as dividends. For the year ending 31st March, 1948, presumably the rate of Profits Tax will be 12½ per cent. on the gross dividends distributed in such year, plus 5 per cent. on the balance of profit undistributed. It will be observed that after all the appropriations mentioned above totalling £118,201, there is a balance standing to the credit of this year's Profit and Loss Account of £28,185 available for the payment of the Final Dividends which your Board now recommend should be 37.93 per cent., less Income Tax, on the amounts paid up on the 8 per cent. Participating Preference Shares, making 54.53 per cent. for the year and of 75 per cent., less Income Tax, on the Ordinary Shares, making 100 per cent. for the year. These final dividends will take £25,726, which figure is debited in the Profit and Loss Account herewith, and if approved, warrants will be posted to shareholders on the 10th June, 1947. The final balance remaining to the credit of the Profit and Loss Account is thus £2,459, which it is proposed to carry forward.

## OPERATION OF 100% E.P.T.

So far my comments have related to the Profit and Loss Account, and I have now to direct your attention to the Balance Sheet.

Issued Capital shows no change. The general reserve after this year's appropriation stands at £48,000. The Excess Profits Tax Post-War Refund Suspense Account represents a refund, less Income Tax, of one-fifth of the total Excess Profits Tax paid by your Company whilst the rate was 100 per cent. A simple calculation shows in consequence that in order to qualify for this Excess Profits Tax refund of £46,406, we must have paid to the National Exchequer in Excess Profits Tax while the 100 per cent. rate was operative a sum of £421,875. Cash equivalent to this Excess Profits Tax Refund of £46,406 is in the Bank. This fund together with the Company's general reserve of £48,000 makes a total of £94,406 which represents 122 per cent. of your Company's Paid-up Capital—a substantial amount to plough back into the business under any circumstances. If, however, such ploughing back implies the use of monies corresponding to these reserves in the acquisition of useful physical assets, etc., I must mention that the greater part of these monies cannot be used for such "fertilization" until the appropriate Government Department issue the necessary permits, a process which I apprehend will be slow judged by our experience up to the present. Deferred Repairs Account, which stood at £4,821 last year, shows a decrease of £46 to £4,775. Sundry Creditors are up by £2,523 compared with last year. On the Assets side of the Balance Sheet additions will be observed on Fixtures, Fittings and Equipment, Machinery, Plant and Apparatus and Motor Vehicles. Stock in Trade at £41,357 is greater by £10,263 compared with the previous year which indicates the determined efforts which have been made to ensure continuity of production should further crises affect the supply of the basic materials we need. In this connection I must report that difficulties are still being experienced in obtaining adequate supplies of bottles for current production. Sundry Debtors are less than those of last year by £18,532 after providing for bad debts of negligible proportions. We have agreed and paid our Excess Profits Tax for the year to 31st March, 1946, and Income Tax for 1946-47. Tax Reserve Certificates amounting to £85,000 are in hand for payment of our current tax liabilities, namely Excess Profits Tax and Profits Tax for the year to 31st March, 1947, of £34,000 and Income Tax for the fiscal year ending 5th April, 1948, £33,000, that is total liabilities for taxation of £67,000 with £18,000 to spare, which in consequence can be regarded as part of our cash resources. Excluding Excess Profits Tax Post-War Refund, Cash at Bank and in Hand amounts to £20,015 which sum, together with the £18,000 previously mentioned, give us a total of £38,015 which we consider ample for current contingencies.

SEE NEXT PAGE



# MISCELLANEOUS OPPORTUNITIES

Glycerine, Gums; Waxes, "Spermaceti" etc.  
Essential Oils; Lanoline; Petroleum Jelly;  
Stearic Acid; French Talcs; Zinc Oxide;  
Vanillin Substitute; Triethanolamine; Lauryl  
Alcohol Sulphonate Substitutes; Acetic Acid;  
Glyceryl Monostearate; Cetyl Alcohol. All Fine  
and Heavy Chemicals.

HOME and EXPORT

**J. J. VIGON & CO., LTD.**  
30 Fenchurch Street, London, E.C.3.  
Mansion House, 0466/9

## BOTTLES FOR EARLY DELIVERY

New Bottles of all types available for early  
delivery. Sizes  $\frac{1}{2}$  oz. to 8 ozs. Medicals and  
Toilets. Send full details of your requirements,  
stating sizes and quantities to Box 164/542.  
C. & D. Office.

**SACKER'S HYGIENIC COMB** (all metal). Removes NITS  
and all Head Pests. Recommended by The Ministry  
of Health, FOR HOSPITALS, CLINICS and PUBLIC  
USE. REASONABLE SUPPLIES NOW AVAILABLE from  
your wholesaler or Saquerre Ltd., 62 Brook Street  
London, W.1

**FOR** 1, 2 and 4 dram PERFUME BOTTLES  
1, 2 and 4 oz. FANCY TOILET BOTTLES  
**SALE**  $\frac{1}{2}$ , 1 and 2 oz. SQUAT and TALL JARS  
any quantity from 5 gross upwards available.  
Prompt Delivery.

**ADA & CO. (LONDON) LIMITED**  
7, DAWSON ROAD, N.W.2

**TABLETS**—now available for immediate delivery.  
HOME & EXPORT

Aspirin—Bulk and Packed; Bronchial; Mint  
Digestive; Sulphur/Orange Flavour; Soda mints;  
Iodised Throat; Bismuthated Magnesia; Saccharin,  
limited quantities only, also Health Salts.  
Keen Prices. Samples and Prices write—

**THREE CROWNS TABLET CO.**  
21/25 Derringham Street, Hull

## ● Ex R.A.F. Film!!

(Fully Guaranteed)

56' × 5 $\frac{1}{2}$ " Panchromatic £3 per tin  
155' × 9" H.S. Pan - £17 " "  
300' × 9" HP3 & HSP £33 " "

All prices incl. Purchase Tax. Orders over £7  
free delivery. Width cutting small extra charge.

**PLATTS, PAGE & CO. LTD.**  
175, PICCADILLY, W.1 MAYfair 2285

**D.D.T.**—Insecticidal spray made to formula of  
products we supplied to H.M. Government during  
the war. Packed in 5-gallon free drums.  
Carriage paid on 5 drums. 17/6 per drum nett.

**SECTO CO., LTD., Blackburn, Lancs.**

## TAB. CODEIN. CO. N. F.

2 $\frac{1}{2}$  MILLION

SURPLUS STOCK  
OFFERS INVITED

1/50 C & D Office

1 $\frac{1}{2}$  cwt Vanillin 100%  
1300 lbs. Benzoic Acid B.P.  
2 tons Glyceryl Mono Stearate.

IMMEDIATE DELIVERY

1/33 C & D Office

## EGYPTIAN HENNA

(Pre-war Quality)

Supplies now available at 6/- per lb.

**F. AMBROSE LTD., 56 NEW KENT ROAD,**  
LONDON, S.E.1

Export Continental Markets only...

1000 gross Approximately 1000 gross  
Opaque FEEDER Transparent

## BOTTLE TEATS

Available Prompt Delivery.

Samples and Quotations apply 1/15 C. & D. Office.

## PRE-PACKING & LABELLING

(We can now accept fresh orders)

**LIQUIDS:** From Bulk into any size bottle  
from  $\frac{1}{2}$  oz.

**POWDERS & TABLETS:** Mixed and packed to customers  
Specifications.

**J. H. WISEMAN & CO. LTD.**  
100 Blackstock Road, Finsbury Park, N.4.

We have available for disposal, ex  
stock, large quantities of

## NEW BOTTLES AND JARS

In various sizes, regular supplies

Enquiries are invited Apply Box No.  
173/825, C & D Office

## GLASS

1/51 C. & D. Office

3 $\frac{1}{2}$ " long,  $\frac{3}{8}$ " dia., approx.  
2,500 gross available 7/6  
per gross; also approx.  
600 gross corks for same.

## TUBES

Direct your enquiries to  
The associated  
Companies of



*Carnegie Chemicals*  
(Welwyn) Ltd  
*Carnegie Quinine Works*  
Ltd

*Manufacturers of FINE CHEMICALS*

**ALOIN • ATROPINE & SALTS  
BARBITONE SOLUBLE • BISMUTH SALTS  
CAFFEINE SALTS • CHLORAL HYDRATE  
CHRYSAROBIN • CITRATES • EPHEDRINE & SALTS  
ESERINE & SALTS • IODIDES • LITHIUM SALTS  
NICOTINIC ACID • PHENAZONE SALICYLATE  
PHENOBARBITONE • PODOPHYLLIN RESIN  
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SALICYLATES • SANTONIN  
SPARTEINE SULPHATE • STILBOESTROL  
STRYCHNINE & SALTS  
SULPHAGUANIDINE • SULPHANILAMIDE  
THEOBROMINE SALTS  
THEOPHYLLINE SALTS • ETC.**

**QUININE & SALTS • TOTAQUINE**

The Offices and Works of both Companies are at:—

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Telephone: Welwyn Garden 506 (4 lines) Telegrams: "Carnechem, Welwyn Garden"  
where all communications should be addressed

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CHOICE  
OF  
EXPERTS

# ZEAL

BRITISH  
MADE



## CLINICALS

G. H. ZEAL LTD.

LOMBARD R'D, MORDEN R'D, LONDON, S.W.19

No higher in price than nondescript makes... Also—Household. Bath and Works Thermometers, the best of their kind.

Phone :  
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### SALES THROUGH CHEMISTS ONLY



SAFETY AND IMMEDIACY OF RELIEF IN ASTHMA ARE ENSURED  
BY  
**FELSOL POWDERS**

**STANDARD SIZE**  
Retail 2/10 (Inc. Tax)

**LARGE SIZE**  
Retail 11/3 (Inc. Tax)

**PATA**

All restrictions on the supply of **LARGE SIZE** are now removed. Orders for **BOTH** sizes therefore can now be speedily executed.

## BRITISH FELSOL COMPANY LTD

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Telephone, CLerkenwell, 5862 Cables, 'Felsol' Smith, London.



